Syllabus

for Courses affiliated to the

Kerala University of Health Sciences

Thrissur 680596



BACHELOR OF SCIENCE IN NURSING

(B.Sc Nursing)

Course Code: 006

(2016-17 admission onwards)

2016

2. COURSE CONTENT

2.1 Title of course:

BACHELOR OF SCIENCE IN NURSING - Abbreviated as B.Sc. Nursing

2.2 Objectives of course

Aims

The aim of the undergraduate nursing program is to:

- **1.** Prepare graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative and rehabilitative services.
- 2. Prepare nurses who can make independent decisions in nursing situations, protect the rights and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, and manager in a clinical/ public health setting/ school of nursing.

Objectives

On completion of the four years B.Sc Nursing programme the graduate:

- apply knowledge from physical, biological and behavioral science, medical including alternative systems and nursing in providing nursing care to individuals, families and communities.
- demonstrate understanding of life style and other factors, which affect health of individuals and groups.
- provide nursing care based on steps of nursing process in collaboration with individuals and groups.
- demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- utilize the latest trends and technology in providing health care.
- provide promotive, preventive, and restorative health services in line with the National Health Policies and programmes.
- practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.

- communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and team work.
- demonstrate skill in teaching to individuals and groups in clinical/community health settings/ School of Nursing
- participate effectively as member of the health team in health care delivery system.
- demonstrate leadership and managerial skills in clinical/community health settings.
- conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
- demonstrate awareness, interest and contribute towards advancement of self and of the profession.

2.3 Medium of instruction:

Medium of instruction shall be in English

2.4 Course outline

Courses of Study

First Year B. Sc Nursing

That real B. Schulaing							
ed.	Subject	Theory (hrs) (Class and Lab)	Practical / clinical(hrs)	(hrs)			
Part I	Biological sciences						
Paper I	Anatomy	100 (80+20)					
Paper II.	Physiology	90 (80+10)					
Paper III	Microbiology	90 (80+10)	69				
Paper IV.	Nutrition & Biochemistry A. Nutrition B. Biochemistry	60(40+20) 40					
Part II	Behavioural sciences						
Paper I	Psychology	60	- N				
Part III	Nursing –I						
Paper I	Nursing Foundations	465 (265+200)	450				
Part IV							
Paper I	English	30					
Paper II	Introduction to Computers	45(15+30)					
	Library work / Self study			150			
	Co- curricular Activities			100			

Total	980	450	250
		Total Hours	- 1680

Second Year B. Sc Nursing

	Subject	Theory(hrs) (Class and Lab)	Practical/ Clinical (hrs)	(hrs)
Part -I	Social Sciences			
Paper I	Sociology	60		
Part- II	Nursing II	. 6	-0	
Paper I	Medical Surgical Nursing (Adult including Geriatrics)-I a. Medical Nursing b. Pathology	110 30(20+10)	440	
Paper II	Medical Surgical Nursing (Adult including Geriatrics)-I Surgical Nursing	110	520	h m
Paper III	Pharmacology	60		
Paper IV	Community Health Nursing-I	100	160	
ed .	Library work / Self study			60
	Co- curricular Activities		77	30
CG-	Total	470	1120	90
			Total Hours	- 1680



Third YearB. Sc Nursing

	Subject	Theory(hrs) (Class and Lab)	Practical/ Clinical (hrs)	(hrs)
Part I	Nursing –III			
	Medical Surgical			
Paper I	Nursing(Adult including	110	400	
	Geriatrics)- II			
Paper II	Child Health Nursing	140	400	
Paper III	Mental Health Nursing	110	360	
Part II	Research & Statistics	2 / 10		
Paper I	Nursing Research & statistics	50 (35+15)	80	
	Library work / Self study	-	-43	20
	Co- curricular Activities		77	10
	Total	410	1240	30
-			Total Hours	- 1680

Fourth Year B. Sc Nursing

- Q	Subject	Theory(hrs) (Class and Lab)	Practical/ Clinical (hrs)	(hrs)
Part I	Nursing IV			
Paper I	Obstetric & Gynecological Nursing	100+30=130	480+160	
Paper II	Community health Nursing-II	100	320	
Part II	Education and Management		-	
Paper I	Nursing Education	80	120	
Paper II	Management of Nursing services & Education	70	120	
	Library work / Self study		40,0	70
	Co-curricular activities			30
	Total	380	1200	100
	Total Hours	- 1680		

2.5 Duration

Duration of course shall be 4 years. The maximum period to complete the course successfully shall not exceed 8 years (double the duration of course)

2.6 Syllabus



FIRST YEAR B Sc NURSING ANATOMY

Placement - I Year

Theory (In hours) -100

(Class hours-80+ Lab hours -20)

Course Description:

The Course is designed to enable students to acquire knowledge of the normal structure of various human body systems and understand the alterations in anatomical structures in disease and apply this in the practice of nursing.

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activities	Assessmen t Methods
1	Y 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands.	Introduction to Anatomical terms. Organization of the human body. Human Cell:- Structure. Tissues- Definition, types, characteristics, classification, location, functions and formation. Membranes and glands:- Classification and structure. Organelle:- structure Alteration in disease Applications and implications in nursing.	Lecture, Discussion Explain using charts, micro- scopic slides, -skeleton & torso	Short answer Very short answers
II	10	Describe the structure of bones and joints	• Bones:- types, classification, structure, description.	-Lecture discussion -Explain using	Essay Short



			• Bones of limbs, Vertebra,	charts,	Answers
			Ribs, Sternum, Bony pelvis,	skeleton,	
			skull.	loose	
			• Joints:-	bones,	Very short
			classification, structure.	and	answers
			Major joints-	joints.	
			Hip, Shoulder, Knee, elbow,		
		0.5	Wrist, carpo-metacarpal,		
		. 6	Tibio-fibular, radio-ulnar	9	
	100	4	Alteration in disease	1 1	
	20		• Applications and	- 3	
	25		implications in nursing.		
			Muscular System	Lecture,	49
- 4	ľ.		• Types and structure of	discussion	0
	J.		muscles	Explain	Essay
- 0	ď.		• Gluteal, thigh & deltoid	using	Ch aut
	gC		(Structure of muscle in	chart,	Short
	de	De <mark>scribe the</mark>	detail).	models	Answers
III	7	stru <mark>cture</mark>	• Actions of various individual	and)
		of muscles	and groups of muscles	films	•
			Alteration in disease	Demonstr	
		सर्व	Applications and	ate	Very short
			implications in nursing.	muscular	answers
			· · ·	movemen	answers
				ts	
		Describe the	Nervous System	Lecture,	
		structure	• Structure of neurons,	discussion	Essay
IV	10	of nervous	neuroglia.	Explain	
		system	CNS&PNS:-	using	Short
			• Parts, Structure and Blood	models,	answers
			supply :-brain & spinal cord.	charts,	

			• Cranial nerves, Spinal	slides,	Very short
			nerves, Peripheral nerves	specimens	answers
			(axillary, sciatic, femoral,		
			radial), important		
			cutaneous nerves.		
			• Autonomic Nervous		
			System-		
		0.5	• Sympathetic and		
		€.	parasympathetic	4	
		7	Alteration in disease	* J.	
	430		• Applications and	-5	
	25		implications in nursing.		
			Sensory Organs		(i)
- 4	Ε.		• Structure of :-	Lecture,	
	d		• Skin	Discussion	Essay
-	ď.	Explain the	• Eye -Layers, Muscles of		
	55	structure	eye ball (name &action)	Explain	Short
V	6	of sensory	• Ear	using	answers
	4	organs	• Nose	models,	7
			• Tongue	charts,	Very short
			Alteration in disease	slides,	answers
		सर्व	Applications and	specimens	
			implications in nursing.		
	_/	Describe the	Circulatory and lymphatic	Lecture,	Essay
		structure	system	discussion	
		of	Circulatory system	Explain	Short
VI	10	circulatory	Microscopic structure of	using	answers
		and	blood	models,	
		lymphatic	• Structure of Heart: - layers,	charts,	Very short
		system	Chambers, blood supply.	slides,	answers

	l	T	I	T	
			Structure of blood vessels:-	specimens	
			Arterial & Venous		
			System.		
			• Circulation: - systemic,		
			pulmonary, coronary.		
			• Major arteries of limbs,		
			head and neck, thorax,		
		0.5	abdomen, pelvis	-	
		(G)	• Veins used for IV injections	7	
	100	4	• Lymphatic system:-:	1 1	
	20		• Lymphatic vessels and	5	
	3		Lymph		
			Microscopic structure		5
- 4	ľ.		of lymphoid organs		C
	J.		Lymphatic tissues		
- 0	ď.		• Thymus gland, Lymph		111
	32		nodes, Spleen, Tonsil		-0
	de		• Alteration in disease		r)
	4		Applications and		7
			implications in nursing.	69	
			Respiratory System	Lecture	
		सर्व	• Parts of the respiratory	Discussion	Essay
		Describe the	system		Ch
	_/	structure	• Pharynx, Larynx,	Explain	Short
VII	6	of	Trachea, Bronchi, Lung,	using	answers
VII	0	respiratory	Broncho pulmonary	models,	Vary short
		system	Segments, Pleura.	torso,	Very short
			Muscles of respiration: -	charts,	answers
			• Intercostals ,	slides,	
			Diaphragm.	specimens	
-			•		

	1	I	Г	ı	
			Paranasal sinuses		
			Alteration in disease		
			• Applications and		
			implications in nursing.		
			Digestive System		
			• Parts of Alimentary tract :-		
			Mouth, Salivary glands,	Lecture,	
		. 0. 7	Oesophagus, Stomach,	Discussion	Eccay
		Describe the	small intestine, appendix,	7	Essay
	- 1	structure	large intestine, rectum &	Explain	Short
VIII	0	of digestive	anal Canal.	using	
VIII	°	system	• Accessory organs of	models,	answers
			digestion:-	torso,	Objective
- 4	Ε.		Pancreas, Liver & Gall	charts,	Objective
			bladder	slides,	type
- 4	Ε.		Alteration in disease	Specimen.	
	00		Applications and		
	QĴ.		implications in nursing.		
	4		Excretory System	Lecture	
			• Structure of organs of	Discussion	Eccay
		Describe the	urinary System:-		Essay
		Structure	Kidney, Ureter, Urinary	Explain	Short
IX	6	of excretory	bladder,Urethra (male,	using	answers
		system	female)	models,	answers
		3,300111	Structure of nephron	torso,	Objective
			Alteration in disease	charts,	type
			• Applications and	slides,	.,,,,
			implications in nursing.	Specimen.	
Х	6	Describe the	Endocrine System	Lecture	
		structure of	• Structure of glands:	Discussion	Essay
	•			1	



		endocrine	Pituitary,Pancreas, Thyroid,		
		system	Parathyroid, Adrenal.	Explain	Short
			Alteration in disease	using	answers
			• Applications and	models,	
			implications in nursing.	torso,	Objective
				charts,	type
			TY OF L	slides,	
		0.5	7 6	specimen	
		. 80	Reproductive system including	7	
	- 4	4	Breast:	1 1	
	20	Describe the	• Structure of female	Lecture	Essay
	3	structure of	reproductive organs:-	Discussion	
		reproductive	Uterus, <mark>Fallo</mark> pian tubes,		Short
-	ľ.	system	Ovary, Vagina.	Explain	answers
XI -	6	including	Structure of breast.	using	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		breast	• Structure of male	models,	Objective
	35-		reproductive organs:	torso,	type
	cale		Testes, Epididymis, Vas	charts,	
	-4		Deferens, Prostate	slides,	7
			Alteration in disease	specimen.	
			• Applications and		
		सर्व	implications in nursing.	r:	

References:-

- Dr.P.Sreedevi, Fundamental aspects of Anatomy.
- P.R Ashalatha Textbook of Anatomy & Physiolgy for Nurses, Jaypee Brothers, New Delhi
- Chaurasia B.D, Human Anatomy Vol I,II,& III CBS Publishers, Delhi
- William et al, Gray's Anatomy, Churchil Livingstone, New York
- Tortora Grabowski, Principles of Anatomy and Physiology, Haifer Collins



- Milliard etal Human Anatomy and Physiology, W.B Saunder's Company, Philadelphia
- Baj Pai, R.N Human Histology, Jay Pee Brothers Medical Publishers, P.B Ansari Road,
 New Delhi.
- Inderbir Singh, Essentials of Anatomy, Jaypee Brothers.

PHYSIOLOGY

Placement: I Year Theory (In hours) -90

(Class hours-80+ Lab hours -10)

Course Description:

The Course is designed to enable the students to acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in diseases and apply this in practice of nursing.

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning activities	Assessment Methods
	Y.		Cell Physiology		
	طري		 Homeostasis-definition 		1.7
	4		Cell membrane-structure		7
		Describe	• Tissue formation, repair	5-0	
		the	 Concept of ECF & ICF. 		
		physiology	• Transport across cell	Lecture,	Short
	4	of cell,	membrane-active transport	discussio	answers
'	4	tissues,	(Na- K pump), diffusion, and	n	
		membranes	osmosis.		Very short
		and gland	• Intravenous fluid therapy-		answers
			basic principles		
			Alteration in disease		
			• Applications and		
			implications in nursing.		



			Skeletal system		
			Bone formation and growth	Lecture,	
		Describe	• Functions and movements of	Discussio	
		the bone	bones of axial and	n,	Short
		formation ,	appendicular skeleton	Charts,	answers
II	3	growth and	Bone healing	Models,	
		movements	 Movements of joints 	Demonstr	Very short
		of skeletal	Alteration in disease	ation	answers
		system	Applications and	4	
	-	4	implications in nursing.	5 0	
_	250		Muscular system	-Lecture,	
	200		• Stimulus and nerve —	Discussio	
			impulse – definition and	n.	Un
- 40	ť.		mechanism		0
		Describe	Membrane potentials	-Explain	
-	ď.	the	Neuromuscular transmission	using charts,	
		muscle		models	Eccay
	aler and		Types of muscles Chalatel muscles		Essay
	500	movements	Skeletal muscle:-	slides,	Chaut
	7	and tone	structure of sarcomere,	specimen	Short
Ш	5	and	muscle proteins(briefly),	and films.	answers
		demonstrat	excitation-contraction	-	
		e .	coupling, physiology of	Demonstr	Very short
	1	muscle	skeletal muscle	ation	answers
		contraction	contraction(briefly),	of muscle	
		and tone	 Starlings law of skeletal 	movemen	
			muscle contraction	ts,	
			Smooth muscle:-physiology	tone and	
			of smooth muscle	contracti	
			contraction (briefly)	on	
			Cardiac muscle:-		



			properties-excitability,	
			rhythmicity, contractility,	
			conductivity, refractory	
			period	
			Alteration in disease	
			• Applications and	
			implications in nursing.	
		Q.	Nervous System	
		6	• Functions of Neuroglia,	7,
	- 1	4	neurons, brain, spinal cord,	10
	400		cranial and spinal nerves	
	5	Describe	• Cerebrospinal fluid-	Lecture,
		the	formation, composition,	Discussio
- 4	ľ.	physiology	circulation, functions	n.
	J.	of nerve	• Synapse-types, properties-	Explain
- 0	Ľ.	stim <mark>ulus,</mark>	one way conduction,	using
	1	re <mark>flexes,</mark>	synaptic delay, synaptic	charts, Essay
	طورا	br <mark>ain,</mark>	inhibition, convergence,	models
IV	10	cranial	divergence, fatigue	slides, Short
		and spinal	• Neurotransmitters (mention	and answers
		nerves.	the names) -acetylcholine,	Films.
		Demonstrat	GABA, glycine, serotonin	Demonstr Very short
		е	• Reflex arc, Reflex action and	ate answers
	1	reflex	Reflexes-monosynaptic	nerve
		action	(stretch reflex) and	stimulus,
		and	polysynaptic reflex	reflex
		stimulus	(withdrawal reflex)	action,
			• Sensory system:-receptors-	reflexes
			classification, receptor	
			potential (briefly), sensory	



		<u> </u>
	modalities (briefly), name all	
	sensory pathways and	
	sensations carried, sensory	
	cortex.	
	- Spinothalamic pathway (in	
	detail)	
	• -Pain:-	
a.5	somatic, visceral and	
6.	referred pain	4.
	• Functions of thalamus and	5.
25	hypothalamus	-6
	Motor system-motor cortex-	
	mention, descending tracts,	(n
40	pyramidal tracts in detail	0
	(diagram)	_
4	• -Extrapyramidal tracts	TTT
	(briefly).	7 2
	Functions of Cerebellum and	Ó
9,	basal ganglia	45
7	Muscle tone	69
	Stages of sleep	
444	• EEG-waves and clinical	
	significance.	
	Autonomic nervous system-	
	organization and functions	
	(briefly)	
	Alteration in disease	
	Applications and	
	implications in nursing.	



			T
		Physiology of Blood:-	
		Functions, composition:-	
		• Plasma, RBC, WBC, Platelets.	
		 Plasmaprotein and functions 	
		• RBC- Structure,normal Count	
		, functions	
		-ESR, PCV, osmotic fragility.	
		• -Erythropoesis and factors	Lecture
	7.5	affecting	discussio
	1. 4	 -Haemoglobin-Structure, 	ad n
1	. "	Normal value, functions,	Explain
	Describe	types	Jac. 1997
254	the	WBC-classification, washed and functions of cook	using
		morphology, functions of each	Charts,
7	Physiology	cell, normal count. - Immunity- definition, types-	films.
	and	innate,acquired, mechanism,	Demonstr Essay
4	functions of	• -Immunoglobulins-	2.2
	blood.	types(briefly), functions	ation
V 8	Demonstrat	• Platelets-Structure, normal	of Blood Short
		count, functions.	cell answers
D-	е	• -Haemostasis	count,
1,3,6	blood cell	• vasoconstriction, platelet	coagulati Very short
-4	cou <mark>nt,</mark>	plug formation ,extrinsic and	
	coagulation	intrinsic mechanism, Clot	on, answers
		retraction	grouping,
	,	• -Tests- bleeding time,	Haemogl
	grouping,	clotting time	obin
		Blood groups- ABO and Rh	estimatio
/		systems, landsteiners law-	
		1&2, blood grouping,	n,
		crossmatching,concept of	
		universal donor and	
		recipient,Rh & ABO incompatibility	
		Lymph formation and	
		functions	
		Alteration in disease	
		 Applications and 	
		implications in nursing.	
	1	15	L

Describe the physiology of cardiovascu lar system. Demonstrat e: BP and Pulse monitoring	1 st , 2 nd , 3 rd , 4 th murmur- definition, Causes	Lecture discussion nexplain using charts. demonstrate: conduction nexplain system. Measure ment of pulse, BP	Essay Short answers Very short answers
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		¢ ¢ s	affecting BP-cardiac output, peripheral resistance, elasticity. • variations – hypertension, hypotension. • Coronary circulation- functions and special features • Cerebral circulation (brief) • Alteration in disease • Applications and implications in nursing.	
VII	8	Describe the physiology and mechanism s of respiration. Demonstrat es spirometry	 The Respiratory System Functions- respiratory, non respiratory Mechanics of ventilation – inspiration, expiration; muscles of respiration; intrapleural and intrapulmonary pressure changes. surfactant- functions; Lung volumes and capacities-definition, normal values, spirogram dead space- mention; Alveolar ventilation and pulmonary ventilation. Pulmonary diffusion Transport of respiratory 	Lecture, Discussio n. Explain using Charts, films. Demonstr ation of spirometr y



			T		
			gases –		
			• O2 transport; O2 carrying		
			capacity of haemoglobin,		
			oxygen- haemoglobin		
			dissociation curve- factors		
			causing shift of ODC		
			• CO2 transport		
		0.5	• -Exchange of respiratory		
		6	gases at tissue level.	4,	
	100	-	• Regulation of respiration -	100	
	400		Neural & chemical		5
	25		 Oxygen therapy 		
			Oxygen toxicity		O,
- 4	ľ.		• cyanosis- definition, types		0
	J.		Alteration in disease		
- 40	ť.		 Applications and 		111
	35		implications in nursing.		25
	GJ.		The Digestive System	7	1)
	4		Salivary gland-	^	b
			types, composition and	60	
			functions of saliva	Lecture,	
		Describes	• Stomach-	Discussio	Essay
		the	gastric juice- composition and	n.	
VIII	7	physiology	functions, HCI secretion- mechanism, regulation of	Explain	Short
		of digestive	secretion, factors affecting	using	answers
		system.	secretion.	charts,	
			 Pancreas- pancreatic juice- composition, 	Films	Very short
			functions and hormones		answers
			regulating.		
			Liver and gall bladder- functions of liver and gall		
			functions of liver and gall		



			bladder, composition and		
			functions of bile		
			enterohepatic circulation		
			Small intestine-		
			functions, composition and		
			functions of intestinal juice,		
			brush border enzymes.		
		5	Large intestine-		
		6.	functions, intestinal flora-	4.	
	-	4 "	functions, dietary fiber.	< >	
	200		• Movements of GIT-		c.
	400		mastication (mention),		
			deglutition- stages, gastric		Un.
40	r'		motility, peristalsis,		0
			movements of large		
			intestine, movements of		[7]
			small intestine, defecation		25
	Live .		reflex(brief)		Ó
	530		• GI hormones- gastrin,		5
	-3-		secretin, CCK-PZ	69	
			Metabolism of CHO, Protein		
			& fat.		
		44.0	Alteration in disease		
	1		Applications and	-	
	-		implications in nursing.		
				-	
		Describe	Renal System	Lecture,	
	_	the	• Functions of kidneys,	discussio	Essay
IX	7	Physiology	ureters, urinary bladder and	n	
		of excretory	urethra	Explain	Short
		system	Nephron-	using	answers

	structure, types, juxta	charts,	
	glomerular apparatus	films	Very short
		1111113	-
	Renal blood flow (brief)		answers
	• Mechanism of urine		
	formation		
	• -Glomerular filtration - GFR		
	definition, normal value,		
. 0. 3	factors influencing	-	
1 6	• -Tubular reabsorption-	7	
3	Sodium, water, glucose,	100	
	urea.		
5	• -Tubular secretion- H+, K+ -		
	mention.		
40	• -acidification of urine		
	Renal clearance- definition		
4.	• Renal threshold and		
N.	transport maximum of		25
int l	glucose.		
7	Urine concentrating	- 4	7
	mechanism of kidney-	69	
	counter current mechanism-		
2004	multiplier and exchangers		
- 444	(briefly).		
	Micturition- innervations of		
_			
	bladder, micturition reflex		
	• Urine- normal output,		
	constituents- normal and		
	abnormal (albumin, glucose)		
	Polyuria, oliguria, anuria		
	(mention)		

			Alteration in disease		
			Applications and		
			implications in nursing.		
			Skin and Temperature		
			regulation		
			• Functions of skin	Lecture	
			Normal body temperature,	Discussio	Short
		Describe	measurement	n.	answers
x	2	the	• Regulation of body	Explain	answers
	-	physiology	temperature- role of skin	using	Very short
	200	of skin	and hypothalamus	Charts,	answers
			Alteration in disease	films.	answers
	3			1111113.	Uh .
-	r		• Applications and		0
			implications in nursing.		
			Special Senses		ITT
	K K W W		Functional anatomy of Eye	///	25
			• -visual receptors-		Ò
			• functions of rods and cones	Lecture	h
			• visual pathway	Discussio	
		Describe	• visual acuity-	n.	Essay
		the	mention tests	Explain	
ΧI	5	physiology	• -colour vision- receptor,	using	Short
		of sensory	• colour blindness(briefly)	Charts,	answers
		organs	• Functional anatomy of ear,	films.	
			organ of corti		Very short
			Mechanism of hearing		answers
			Pathway in brief		
			Hearing tests		
			Vestibular apparatus		
			• olfaction-		
L	<u> </u>				



			receptors and pathway	
			• Taste-	
			receptors, primary taste	
			sensations (pathways in	
			comparison)	
			Alteration in disease	
			• Applications and	
		. Q. "	implications in nursing.	
		6	Endocrine System.	7,
	100	4	• Functions of endocrine	1 2
	200		glands	
	25		Hypothalamus:-	
			• Endocrine functions,	0.0
- 4	ľ.		hypothalamo hypophyseal	0
			portal system, feedback loop	Lecture
				discussio Essay
		Describe	Pituitary Gland:-	n
	I-	the	• -Hormones of anterior	Explain Short
	130	physiology	pituitary- Growth hormone-	using answers
XII	5	of	functions,other hormones-	Charts,
		endocrine	functions-(briefly)	films.
		glands.	• -Role of releasing and	Demonstr
		314	inhibitory hormones of each	ation Very short
			gland-mention;	of BMR answers
	1		• -Posterior pituitary-	OI BIVIK allswers
			functions & physiological	
			actions of ADH,	
			Oxytocin-	
			Physiological actions and	
			functions.	
			neuroendocrine reflex	
			• Heuroendocriffe reflex	



			Thyroid gland-		
			hormones and functions		
			Parathyroid gland-		
			hormones influencing		
			calcium homeostasis-		
			parathyroid hormone,		
			vitamin D, calcitonin; normal		
		. 5	plasma calcium levels.	_	
		6.	• Parathyroid hormone-	4.	
	-	L .	functions.	< 5	
	250		• Endocrine pancreas	-	C.
	-		-types of cells and		
			hormones,		Uh .
-	ď		• insulin-actions, glucagon-		0
			action		-
-	ď.		Adrenal glands-		
	of.		adrenal cortex-functional		
	100		anatomy; hormones-		\cap
	The state of		glucocorticoids,	- 4	b .
			mineralocorticoids, sex	69	
			hormones and their actions;		
		3371	Adrenal medulla-		
			catecholamines- actions		
	1		Alteration in disease	1	
			• Applications and		
			implications in nursing.		
		Describe	Reproductive System.	Lecture,	
		the	Male reproductive system:-	discussio	Essay
XIII	4	physiology	• -Functions of testes	n.	
		of male and	• -Functions of testosterone	Explain	Short
		female		using	answers
		1	າວ	1	



e factors influencing it. films,	Very short
system • Female reproductive models,	answers
system: Oogenesis specimen	
• -Functions of ovary S.	
-Action of oestrogens and	
progesterone	
Menstrual cycle; ovarian,	
uterine, cervical and vaginal	
changes during menstrual	
cycle	5
• -Ovulation, tests of	
ovulation(Mention)	(h
• -Hormonal regulation of	0
menstrual cycle	
• -menarche and menopause.	111
Pregnancy-fertilization,	
implantation, corpus luteum	()
of pregnancy (brief);	77
placenta-functions,tests for	
pregnancy-immunological	
test	
Lactation- Functions of	
breast, hormones	
influencing lactation,review	
of neuroendocrine reflex.	
Physiological principles	
underlying contraception	
Alteration in disease	
• Applications and	



			implications in nursing.		
			Lymphatic and Immunological		
		Describe	System.		
		the	• Circulation of Lymph	Lecture,	Chart
		physiology	• Immunity	Discussion.	Short answers. Very short
XIV	2	of	• Formation of T-cells and B	Explain	
AIV	2	Lymphatic	Cells.	using	
		and	Types of Immune response	Charts,	
		Immunologi	Antigens	films.	answers.
	100	cal System.	• Cytokines	1.7	
	$\hat{\gamma}_{i}$		 Antibodies 		

References:-

- Guyton A C, Hall J E. Medical Physiology, Philadelphia, Grayten & Hall.
- Review of Medical Physiology: Ganong.
- Chaudhary, Concise Medical Physiology:
- A.K.Jain, Textbook of Physiology for Nurses
- P.R Ashalatha ,Textbook of Anatomy & Physiolgy for Nurses, Jaypee Brothers,
 New Delhi
- Khurana I Text Book of Medical Physiology, New Delhi, Elsevier.

MICROBIOLOGY

सर्व भवन्त सांखन

Placement - I year Theory (In hours) -90

(Class hours-80+ Lab hours- 10)

Course Description:

This course is designed to enable students to acquire understanding of fundamentals of microbiology and identification of various micro organisms. It also provides opportunities for practicing infection control measures in hospital and community settings.



Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning activities	Assessment Methods
			Introduction		
		Explain	Historical perspective		Short
		Concepts	Concepts and		answers
		and	terminology	Lecture,	answers
	6	principles of	• Principles of	discussion	Objective
•	6	microbiology	microbiology	-	type
	- 1	and their	Importance and	3/	туре
	100	importance	relevance in nursing	100	
	-27	in nursing	-		\$
	-S		General characteristics of		
		/	microbes		Q1
	ď,		Structure and		0
	al la		classification of		177
-	ď.	Describe the	microbes		79
	CIÉ-	Structure,	Morphological types	Lecture	-
	QJ.	classification	• Size and form of bacteria	Discussio	Chant
	4	morphology	Motility	n	Short
		and growth	• Colonization	Demonstr	answers
	45	of bacteria	Bacterial spores	ation	Objective
II	15	सर्व	Growth and nutrition of	Laborator	-
		Identify	microbes	y visits	type
		micro	Temperature	Staining	
		organism	Moisture	practices	
			Blood and		
			• body fluids		
			Culture / transport		
			medias		
			Laboratory methods of		



			identification of		
			microorganism		
			 Staining techniques, 		
			gram staining, acid fast		
			staining, hanging drop		
			preparation		
		1	Infection Control		
		6.3	Infection: source, portal	100	
	1	v	of entry and exit, types	7	
	100		of transmission		
	-27		• Asepsis-		Ç.
	3		Types		
		Describe the	• Disinfection;	Lecture	00
-	100	methods of	types and methods	Discussio	C
	al.	infection	Sterilization		
	d.	control		n	
	00		types and methods	Demonstr	Short
	la.le-	Identify role	Chemotherapy and	ation	answers
	132	of nurse in	antibi <mark>ot</mark> ics antibiotics	Visit to	h.
Ш	15	hospital	Antibiotic policy	CSSD	Objective
		infection	Standard safety	Clinical	type
		control	measures	practice	турс
		444	Biomedical waste	of aseptic	
		program	management	technique	
			Role of nurse In	s	
			Disinfection		
			Sterilization		
			Standard safety		
			measures		
			Biomedical waste		
			management		
			папаретен		



			a Haspital assuits d		
			Hospital acquired		
			infection		
			Hospital infection		
			control program		
			Hospital infection		
			committee		
		2.5	Protocols		
		6.3	Collection and		
		6	transportation of	7/	
	100		samples	1 1	
	-20		• Preparation of reports	-	Ç.
	3		and status of rate of		
			infecti <mark>on in th</mark> e units /		5
-	00		hospital		0
			Pathogenic organisms		
-	et.		Microorganisms		111
	05		• Cocci –		-0
	de		Gram positive		0
	4		- Staphylococci		77
		Describe	- Streptococci	Lecture	Essay
		different	- Pneumococci	Discussio	CI -
		disease	Gram negative	n	Short
IV	32	producing	- Gonococci	Laborator	answers
	- /	organisms	- Meningococci	y visits	
			• Bacilli –	Practical	Objective
			Gram positive	session	type
			-Mycobacterium		
			- tuberculosis / leprae /		
			Atypical		
	L				



Г	
	- Corynebacterium
	diphtheria
	- Clostridium tetani,
	Botulinum &
	perfringens
	- Listeria,
	Gram negative
0.2.	- Shigella,
. 6	- Proteus
	- Bordetella,
25	- Campylobacter
25	- Helicobacter
	- Enterobacteriae
40	- Escherichia Coli
	- Klebsiella
44	- Salmonella
65	- Vibrio cholera
cal.	- Pseudomonas
4	- H Influenza
	- Spirochaete
	- Mycoplasma
and a	- Rickettsiae
	- Chlamydiae
	• Viruses
	- HIV
	- Hepatitis
	- Varicella zoster
	- Poliomyelitis
	- Measles
	- Mumps
	- Rubella
<u> </u>	<u> </u>



	T	ī	
	- Rabies		
	- Arbovirus		
	- Dengue		
	- Chikungunya		
	- Japanese encephalitis		
	- Influenza virus		
	- Yellow fever		
0.5.	- Oncogenic virus	t-	
. 6.	- Pox virus	4	
	Suga.	1 1	
	• Fungi-	-	Ç.
	- Superficial	·	
	- Der <mark>matop</mark> hytosis,		5
40	candidiasis, tinea		0
	versicolar		
46	- Deep mycoses		1
er .	- Mycosis- candida	/ /	2
	albicans, Cryptococcus		(i)
7	• Parasites	1	h
	- Entamoeba histolytica,	60	
	- Giardia,		
2377	- Trichomonas,		
	- malaria,	1 .	
/	- Filaria,		
	- intestinal Nematodes,		
	- tape worms infecting		
	man		
	- Secondary parasitic		
	infections in AIDS		
	- Nematodes		
	• Rodents &vectors		
	1	l	1



	1	Τ			
			- Zoonotic diseases		
			- Anthrax,		
			- Rabies,		
			- Leptospirosis		
			- Plague,		
			- Dog tapeworm		
		2.5	- Vector borne diseases		
		a.5.	- Malaria,	-	
		6." 	- Filariasis,	4,	
			- Kyasanur Forest	1.7	
	200		disease virus (KFD),	-	\$
	74		- Leishmaniasis		
			Arbovirus		Un
	10		- Dengue,		0
			- Chikungunya,		
	ef.		- Japanese		[7]
			encephalitis,		25
	Liber		- Yellow fever		Ó.
	37		Immunity	Lecture	75
	3-		• Immunity- types,	Discussio	
			classification	n	
		Explain the	 Antigen antibody 	Demonstr	
		44.54	reaction		Ch a ut
		concept of	Hypersensitivity- skin tost	ation	Short
	/	immunity,	• Serological tests	Visit to	answers
V	12	hypersensitiv	Immunoprophylaxis	immuniza	
		ity and	• Vaccines & sera- types &	tion	Objective
		immunizatio	classification, storage	clinics	type
		n	and handling, cold chain	Observati	
			 Immunization for various diseases 	on of	
			Immunization schedule	cold chain	
			Newly available vaccines	practices	



References

- Ananthanarayanan R& Jaiaram Panicker C K:Text Book of Microbiology,
 Hyderabad, Orient Longman Private Ltd.
- Ananthanarayanan R& Jaiaram Panicker C K:Text Book of Microbiology for Nurses, Hyderabad, Orient Longman Private Ltd.
- Nagoba P S, Puchare A: Medical Microbiology, Preparatory Manual for Undergraduates, New Delhi, Jaypee Brothers Medical Publishers (P)Ltd
- Guptha S. A Short Text Book of Microbiology(including parasitology), New Delhi,
 Jaypee Brothers Meidcal Publishers (P)Ltd
- Tombury M C etal, Notes on Medical Microbiology, Edinburgh, Churchill Livingstone
- Collie J E etal. Notes on Medical Microbiology, New Delhi, Churchill Livingstone

NUTRITION

Placement : I Year Theory (In hours) -60

(Class hours-40+ Lab hours -20)

Course Description:

This course is designed to acquire knowledge of nutrition for maintenance of optimum health at different stages of life and its application for practice of nursing.

Unit	Time (Hrs)		Learning Objectives	Content	Learning	Assessment Methods
	Т	Р	-	V	activities	
I	4		Describe the relationship between nutrition and health	Introduction: Nutrition: History, concepts Role of nutrition in maintaining health Nutritional problems in India	Lecture, discussion	Short answers Very sort answers



				 National nutrition policy Factors affecting food and nutrition: socioeconomic, cultural, tradition, production, system of distribution, 		
	747	7.	E & S 1	lifestyle and food habits etc. • Role of food and its medicinal value. • Classification of foods. • Food standards. • Elements of nutrition: macro and micro. • Calorie, BMR		5 (
11	2		Describe the classification, functions, sources and recommended daily allowances (RDA) of carbohydrates	Carbohydrates Calorie value Recommended Daily Allowances dietary sources Functions Digestion, absorption and storage, metabolism of carbohydrates Malnutrition: deficiencies and overconsumption	Lecture, discussion	Essay Short answers Very sort answers



III	2		Describe the classification, functions, sources and recommended daily allowances	 Fats Classification Calorie value Recommended Daily Allowances Dietary sources Functions -Digestion, absorption and storage, metabolism 	Lecture Discussion	Essay Short answers Very short answers
		-à	(RDA) of Fats	Malnutrition: deficiencies and overconsumption	⁷ C,	
IV	4 7 8 3 7 7 8 3 7 7 8 3		Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins	• Classification • Calorie value • Recommended Daily Allowances • Dietary sources • Functions • -Digestion, absorption and storage, metabolism • Malnutrition: deficiencies and overconsumption	Lecture Discussion	Essay Short answers Very short answers
V	3		Describe the daily calorie requirement for different categories of people.	 Energy Unit of energy-Kcal Energy requirement of different categories of people. Measurement of energy Body Mass Index(BMI) and basic metabolism. Basal Metabolic Rate(BMR) Determination and factors affecting BMR 	Lecture, Discussion , Exercise demonstr ation.	Short answers Very short answers



			Describe the	Vitamins	• Lectur	Short
			classification,	 Classification 	e,	answers
			functions,	 Recommended Daily 	• Discuss	
			sources and	Allowances	ion.	Very short
			recommended	Dietary sources	•	answers
VI	4		daily	• Functions		
			allowances	 Absorption, synthesis, 		
			(RDA) of	metabolism, storage		
			Vitamins	and excretion	7	
		74) 76		 Deficiencies 	, , ,	
	-2			 Hypervitaminosis 	1	2
	25		• Describe	Minerals	Lecture	Short
			the	 Classification 	Discussion	answers
	Q.		• classificatio	• Recommended Daily		1.7
	-		n,	Allowances		Very short
	ď.		functions,	Dietary sources		answers
VII	4		sources and	• Functions		-
• • • • • • • • • • • • • • • • • • •	igh.		recommen	• Absorption, synthesis,		to a
		6	ded daily	metabolism, storage	60	
			allowances	and excretion		
			(RDA) of	• Deficiencies-		
			Minerals	Overconsumption and	1:	
		÷		toxicity		
		4	Describe the	Water	Lecture	Short
			sources,	 Daily requirement 	Discussion	answers
			functions and	 Regulation of water 		
VIII	3		requirements	metabolism		Very short
			of Water and	 Distribution of body 		answers
			Electrolytes	water		
				• Electrolytes		



				• Types sources		
				• Types, sources,		
				composition of body		
				fluids		
				Maintenance of fluid -		
				electrolyte balance		
				Over hydration,		
			- L \ 1	dehydration and water		
			Q.	intoxication		
		. 1	6	• Electrolyte imbalances.	7/	
		~.	-Describe the	Cookery rules and	Lecture	Short
	-2		cookery rules	preservation of nutrients	Discussion	answers
	25		and	• Principles, methods of		
			preservation of	cook <mark>ing and</mark> serving	Demonstr	Very short
	4		nutrients	• Preservation of	ation	answers
				nutrients	<i>_</i>	
	ď.		-Prepare and	• Safe food handling-	Practice	111
	OŠ-		serve simple	toxicity	session	-0
	230		beverages and	• Storage of food		0
IX	5	15	different types	• Food preservation,	- 0	b
			of foods	food additives and its	69	
				principles		
			and a	Prevention of Food	1	
				Adulteration Act (PFA)		
		/		 Food standards 	- N	
				Preparation of simple		
				beverages and different		
				types of foods		
			Describe and	Balanced diet	Lecture	Short
X	7	5	plan balanced	• Elements		answers
			diet for	Food groups	Discussion	
				<u> </u>		



			different	- Dage	mana an da d Daile			Very short
					mmended Daily			,
			categories of	Allow			Demonstr	answers
			people	• Nutri	tive value of foo	ods a	ition	
				• Calcu	lation of balance	ed		Exercise on
				diet f	or different	P	ractice	meal
				categ	ories of people	s	ession	planning
			2 N	• Plann	ning of menu			
			Q. T	• Budg	eting of food	N	∕leal	
		-	6	• Intro	duction to	р	lanning	
				thera	peutic diets:		* J.	
	- 40			• Natu	ropathy-diet		-	9
	25							
			-Describe	Role	of nurse	in L	ecture	Short
1	er"		various	nutrition	nal programmes	;		answers
1			National	• Natio	nal programme		<mark>iscussio</mark> n	-
	ď,		Programmes	relate	ed to nutrition:	\mathcal{F}		Very short
	20		related to	• Vitan	nin A prophylaxi	s C	<mark>Dem</mark> onstr	answers
	cale		nutrition	progr	ramme	a	tion of	0
		C.		• Natio	nal lodine	a	ssessme	b
			-Describe the	Defic	iency	n	nt of	
			role of nurse in	Disor	ders(IDD)	n	utritional	
XI	4		assessment of	Progr	ramme	S	tatus	
			nutritional	• Mid-o	day- meal			
		1	status and	progr	ramme		/	
			nutrition	• Integ	rated child			
			education		lopment scheme	9		
				(ICDS	•			
				-	nal and			
					national agencie	es l		
					ing towards foo			



		nutrition-NIPCCD,		
		CARE, FAO, NIN,		
		CFTRI(Central Food		
		Technology and		
		Research Institute).		
		Assessment of		
	2.5	nutritional status		
	as.	Nutrition education-		
	6 T	role of the nurse	4	
- 2		200	1	

References:

- 1. Dr. Swaminathan M. Hand book of Food and Nutrition. Bangalore. The Bangalore Printing and Publishing Company Ltd
- 2. John Sheila Dr. Jennifer J Essentials of Nutrition and Dietetics for Nursing, Chennai, BI Publications Pvt Ltd.
- 3. Guptha L C etal. Food and Nutrition-Facts and Figures, New Delhi. Jaypee
- 4. Lutz and Prazy<mark>talski.Nutrition and Diet Theory –Evidence bas</mark>ed applicationbs, New Delhi, Jaypee.
- 5. Barrer M Helen . Nutrition and Dietetics for health care.
- 6. Reheena Beegum M A Text book of Foods, Nutrition and Dietetics, New Delhi, Sterling Publishers Pvt Ltd.

BIOCHEMISTRY

Placement-I Year

Theory (Hrs) - 40

Course Description:

The course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing.



Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning activities	Assess ment Methods
	4.7	Describe the structure, composition and function of cell Differentiate between Prokaryotic and Eukaryotic cell Describe the transport mechanisms	 Introduction Definition and significance in nursing Cell biology Difference between Prokaryote and Eukaryote cell Review of structure and function of cell and sub cellular particles. Cell membrane-structure and function Transport mechanisms: passive and active transport 	Lecture, discussion using charts and slides	Short answers Very short answers
	7	Describe the metabolism of carbohydrate s	Metabolism of carbohydrates • Classification, Biological importance of carbohydrates • Monosaccharide's: glucose & fructose. • Disaccharides :lactose& sucrose, lactose intolerance. • Polysaccharides. • Digestion and absorption of carbohydrates	Lecture, discussion using charts and slides. Demonstra tion of laboratory tests.	Essay Short answers Very short answers



			Regulation of blood		
			glucose		
			Diabetes mellitus-		
			classification, biochemical		
			derangement, clinical		
			features, investigation,		
		4.1	complications		
		, Q. "	Oral glucose tolerance	200	
		(V	test	7/	
	- 40	*	 Investigations and their 	, ' J.	
	40		interpretations.		
	25				
			Metabolism of Lipids		00
- 4	ľ.		• Classification of lipids,		0
	d.		chemistry of fatty acids,	,	
-	1		unsaturated fatty		111
	12		acids(essential fatty	Lecture,	-0
	146		acids), significance of	discussion.	Ċ.
	- L		PUFA	Explain	Essay
	- 20	Explain the	Chemistry of Triacyl	using	
		metabolism	glycerol, cholesterol and	charts,	Short
III	6	of Lipids	phospholipids.	models	answers
		Of Lipids	Digestion and absorption	slides.	
	1		of lipids	Demonstra	Very short
				tion of	answers
			Lipoprotein ,chylomicron,	laboratory	
			LDLs, VLDLs and	tests.	
			HDL(briefly)		
			Lipid profile, bile salts		
			Atherosclerosis		
			Formation and utilization		



		I		T	I
			of ketone bodies,		
			ketoacidosis in diabetes		
			and starvation		
			 Investigations and their 		
			interpretations.		
		, a 51	Metabolism of Amino acids and Proteins • Classification of Amino	ė.	
		, W	acids-based on structure,	16	
			nutritional status and	100	
	-0.00		metabolic rate	- 5	
			 Describe digestion and absorption of proteins Formation and disposal of 		00
			Ammonia	Lecture,	1. 7
				discussion.	177
-0			 Plasma proteins, serum levels, functions of 	Explain	Essay
		Explain the	albumin, hypo	using	
		m <mark>etabolism</mark>	protinaemia • Metabolism of amino	charts,	Short
IV	6	of	acids and proteins	models	answers
		Amino <mark>acids</mark>	1	slides.	
		and Proteins.	Protein synthesis	Demonstra	Very short
		3377	 Targeting and glycosylation 	tion of	answers
			Chromatography	laboratory	
			Electrophoresis	tests.	
			Sequencing		
			Metabolism of nitrogen		
			-Fixation and assimilation		
			• -Urea cycle		
			-Haemes and chlorophylls		
			 Investigations and their 		
			interpretations		
			I		

			Clinical Enzymology	Lecture,	Essay
		Explain	Clinical Enzymology	discussion.	Short
V	2	clinical	 Investigations and their 	Explain using	answers
		enzymology	interpretations	charts,	Very short
				models slides.	answers
			Vitamins and minerals		
		2.5	• Dietary sources,		
		0.3	biochemical functions and	÷	
		6	deficiency manifestations	7/	
	100		of fat soluble vitamins	, ,	
	40		 Dietary sources, 	- 5	
	5	Explain the	biochemical functions and		. The
		types,	deficien <mark>cy man</mark> ifestations	Lecture,	Essay
-		functions,	of water soluble vitamins	discussion.	Short
VI	5	sources and	Minerals -dietary	Explain	
VI		de <mark>ficiency</mark>	sources, functional	using charts,	answers
	12.	manifestation	importance and altered	models	Very short
	طري	s <mark>of vitamins</mark>	levels of iron and calcium	slides	answers
	4	and minerals	Dietary sources,	Sildes	unswers
			functional importance	90%	
			and altered levels of		
		सर्व	copper, fluorine, sodium	T:	
			and potassium		
			 Investigations and their 		
			interpretations		
			Acid Base balance	Lecture,	Short
		Explain Acid	PH, buffers and Acid Base	Discussion. Explain	answers
VII	2	Base balance	disorders	using	
		Dase Salarice	Investigations and their	charts, models	Very short
			interpretations	slides	answers



VIII 4 different function tests
VIII 4 different function tests urine examination. (briefly describe the important tests) slides Haemoglobin
function tests urine examination. (briefly describe the important tests) laceture, Describe the metabolism of haemoglobin Haemoglobin Biochemical basis of jaundice. Immunochemistry Structure and functions of immunoglobulin Immune Response Mechanism of antibody
(briefly describe the important tests) A
important tests) IX 2 Haemoglobin Lecture, discussion. Short answers using charts, models answers slides
Haemoglobin Obescribe the metabolism of haemoglobin Haemoglobin Of Haemoglo
Poscribe the metabolism of haemoglobin The metabolism of haem
IX 2 Describe the metabolism of Haemoglobin
haemoglobin of Jaundice. Immunochemistry of Immunochemistry of Immunoglobulin of Immune Response of Mechanism of antibody of Mechanism of Mechanis
Biochemical basis of Jaundice. Biochemical basis of Jaundice. Immunochemistry Structure and functions of immunoglobulin Immune Response Mechanism of antibody
Haemoglobin jaundice. charts, models answers slides mmunochemistry Structure and functions of immunoglobulin Immune Response Mechanism of antibody
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Immunochemistry • Structure and functions of immunoglobulin • Immune Response • Mechanism of antibody
 Structure and functions of immunoglobulin Immune Response Mechanism of antibody
immunoglobulin • Immune Response • Mechanism of antibody
Immune Response Mechanism of antibody
Mechanism of antibody
production Lecture, discussion. Short
 Antigens- HLA Typing Describe the discussion. Explain answers
X 2 immunochem • Free radicals and using
antioxidants charts, Very short
• Electrophoretic and models answers
quantitative
determination of
immunoglobulins-ELISA
Investigations and their
interpretations.



References

- Vasudevan D M & Sreekmar S. Text Book of Biochemistry, Jaypee.
- Satyanarayanan, Essentials of Biochemistry. Kolkata, Books & Allied (P) Ltd.
- Dr. Ramakrishnan S & Dr. Angayarkanni N. Basis in Biochemistry for Professional Nursing. Chennai, B I Publications Ltd.
- Puri D . Text Book of Medical Biochemistry, New Delhi, Elsevier.
- Nelson D I. Lehingea Principles & Biochemistry. New York, Premier & Company.

PSYCHOLOGY

Placement -I Year

Theory (In hours) -60

Course Description:

This course is designed to assist the students to acquire knowledge of fundamentals of psychology and develop an insight into behavior of self and others.

Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Unit	Tim e (Hr s)	Learning Objectives	Content	Teaching Learning activities	Assess ment Methods
I	3	Describe the history, scope and methods of psychology	 Introduction: History of psychology. Definitions & Scope of Psychology Branches of psychology Methods of Psychology Relevance of psychology in nursing. 	Lecture, discussion	Short answers Very short answers
II	6	Explain the biology of - Human behavior	 Biology of behavior Body mind relationship Heredity and environment. Brain and behavior: Nervous 	Lecture, discussion	Essay Short answers



			System, Neurons and		Very short
			synapse.		answers
			• Association Cortex, Rt. and		
			Lt.Hemispheres.		
			 Psychology of Sensations. 		
			 Muscular and glandular 		
			controls of behavior.		
		0.2	Nature of behavior of an	-	
		6.	 Organism/Integrated 	9,	
	100	4	responses	* J.	
	ġ.			1	5
	5	Describe	Cognitive processes		4.00
		various	• Attention:-		Gr.
40		cognitive	- Definition		C
		processes	-Types		177
40		and	-determinants		700
0		their	-Span of attention	Lecture	
	de	ap <mark>plications</mark>	- Shiftin <mark>g</mark> of attention	Discussion	1.7
	4		- Distraction.		Essay
			• Perception: -	Psychome	
III	20		- Definition	tric	Short
		सर्व	-Principles	assessme	answers
	_		-Factors	nt-	
	_/		- Errors in perception.	Practice	Very short
			• Learning: -	Sessions	answers
			-Nature		
			-Types		
			- Factors		
			- Laws		
			-Theories of learning		



Trial and error Classical conditioning **Gestalt Theory Operant Conditioning Cognitive Theory** Transfer of Learning - Study habits • Memory: --Definition -Types -Factors -Methods of memorizing - Theories of Memory -Information Processing - Theory of general memory • Forgetting:--Definition -Types -Factors -Theories of forgetting -Decay Theory -Interference Theory -Repression Theory -Storage failure • Thinking:--Types -Levels -Stages of Development - Relationship with language and

			communication		
			• Intelligence:-		
			-Definition		
			- Classification		
			-Theories of Intelligence		
			-Monarchic Theory		
			-Multifactor Theory		
		a.5	-Two factor theory	-	
		(e)	-Group factor theory	4	
	- 1	4	-Multiple intelligence	100	
	40		theory		
	5		-Intelligence Quotient		
			• Aptitude:-		O,
43			- Definition		0
			-Concept		
-4			-Types		
0			-Individual differences and		-0
	ah.		variability.	7	()
	4		 Psychometric assessment of 		7
			cognitive processes	1-0	
		. Describe	Motivation, emotions & stress		
		motivation	• Motivation:	Lecture	
		emotions,	-Meaning	Discussion	Essay
	_/	stress and	-Need, Motives, Drive	Role plays	
		their	- Types	Case	Short
IV	8	influence	- Theories of motivation	Discussion	answers
		on behavior	-Drive Theory	Demonstr	
			-Instinct Theory	ation	Very short
			-Incentive Theory		answers
			-Hierarchy Theory		
			-Goal oriented Theory		



			-Motives and behavior		
			-Conflicts and frustration		
			-Conflict resolution.		
			• Emotion:-		
			- Definition		
			-Components		
			-Theories of emotion		
		a.S	-James Lang Theory	-	
		6	-Cannon Bard Theory	4	
	-	7	-Schacher Singer Theory	. 1	
	20		- Lazarus Theory	-	C.
			-Emotions in health and		
			illness, alterations		Qn.
40			-Changes in emotions		C
			• Stress:		
-41			-Stressors		111
0			- Cycle		
	a la		-Effect		Ċ
	L.		-Adaptation & Coping	- 4	9
			Psychometric assessment of	69	
			emotions (briefly).		
		Explain the	Personality and Attitude	1 -	
		concepts of	• Personality:-		
	1	personality	-Definitions	Lecture,	Essay
		and attitude	-Topography	Discussion	
V	7	&	-Types	,	Short
	,	their	- Theories of personality	Demonstr	answers
		influence on	-Type Theory	ation.	
		behavior	-Trait Theory		Very short
			-Psycho analytical theory		answers
			-Erickson's Psychosocial		
L		I	<u> </u>	I	

			Development theory		
			-Self theory		
			-Learning Theories of		
			Personality		
			-development of		
		, 5	personality, • Attitude:- -Definition	-	
		6	-Nature	4	
	-	7 .	-Development	< >	
	250		-Factors affecting		
			behavior and attitudes		
			-Attitudinal change.		
40			-Psychometric assessment		
			of attitudes (briefly).		
40					1
		De <mark>scribe</mark>	Developmental Psychology		-2"
	a la	ps <mark>ychology</mark>	 Psychology of people at 	Lecture,	
	-de	of	different ages from infancy	discussion	Short
		people	to old age.	uiscussioii	answers
VI	4	during	 Psychology of vulnerable 	•	answers
		the life	 individuals – challenged, 	Case	Very short
		cycle	women, sick.	discussion	answers
	1		 Psychology of groups 	aiscassion	answers
		Describe	Mental hygiene and mental		
	8	the	Health	Lecture	Essay
VII	8	Characterist	 Definition& Concepts of 		
VII	8	ic of	mental hygiene and mental	Discussion	Short
VII	8		•	Discussion	Short answers



		person	healthy person.		Very short
			Warning signs of poor		answers
		Explain ego	mental health.		
		defense	Promotive and Preventive		
		mechanisms	mental health-strategies		
			and services.		
			Ego defense mechanisms		
		a.5	and its implications.	-	
		6.	Personal and social	4	
	100	4	adjustments.	100	
	20		 Guidance and counseling. 		
	5		Role of nurse in mental		
			health		00
40					C
			Psychological assessment &		1777
-41			tests.		770
0			Types of tests & their		
	de		interpret <mark>ati</mark> ons		1.7
	4	Evalain the	-Projective test,		7
		Explain the	- Intelligence test,	Lecture	Chart
		psychologic al	-Personality Test,	Discussion	Short answers
VIII	4	assessment	- Attitude Test,	Discussion	alisweis
V	•	s and	-Aptitude Test,	Practice	Very short
	_/	role of	-Achievement Test	Sessions	answers
		nurse	Characteristics of a good	303310113	answers
			test		
			-Uses of tests		
			-Role of nurse in		
			psychological assessment		



References:-

- Razeena Viswambaran. Text Book of Psychology for Health Professionals.
- Anthikad J. Psychology for Graduate Nurses. New Delhi, Jaypee.
- David G Mayers, Psychology. Work Publishers, New York
- Passer M W, Smith R E. Psychology, The Science of Mind & Behaviour, New York,
 Tata Mc Graw-Hill.
- Dr. Balachandran M. Psychology for Nursing Students, Thiruvananthapuram,
 Maanas Publishers.
- Charles G Morris . Psychology- An introduction to New Hercy, Prentice Hall.
- Bhatia. Elements of Psychology and Mental hygiene for Nurses in India, Orient Longman.
- A B Kutty, Psychology for BSc Nursing, PHI learning, New Delhi,2013

NURSING FOUNDATIONS

Placement - I year

Theory (In hours) -465
(Class hours-265+ Lab hours -200)
Practical (Clinical hours) - 450

Course Description:

This course is designed to help the students to develop an understanding of the Nursing Profession, philosophy, objectives, theories and application of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in supervised clinical settings.

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assess ment Methods
		Describe the	Introduction:	Lecture	
	10	concept of	Health & Illness		Short
•		health, illness	- Definition	Discussion	answers
		and health	- Concept		



		care	Health illness continuum		very
		agencies	 Factors influencing health 	Visit to	short
			Causes & risk factors of illness	health	answers
			Illness behavior	care	
			 Impact of illness on patient 	agencies	
			and family		
			Health care services		
		a 5	- Health promotion		
		6.	- Levels of prevention	4	
		7.	Health care agencies:	< >	
	20		 hospitals – types, organization 	-5-	
	25		and functions		
			Health care team	-	P.
	4	-Explain	Nursing as a profession	-	0
		concept and	• Nursing: -		
	eď.	scope of	-Definition		
	αí-	nur <mark>sing</mark>	-Philosophy		
	cale		-Objectives)
	-4	-Describe	-Characteristics	Lecture	
		values, code	-Scope of nursing practice	69	Short
		of ethics and	 -Functions of nurse 	Discussion	answers
II	15	professional	• -Qualities of a nurse		
		conduct for	 -Categories of nursing 	Case	very
		nurses in	personnel	discussion	short
		India	 Definition and characteristics 	Dala place	answers
			of profession	Role plays	
			 Nursing as a profession 		
			• Values: Definition, types,		
			values in professional nursing		
			• Ethics: Definition, ethical		
			zamos. Definition, etimosi		



			national and an Alexander of the Control of the Con		
			principles, Nursing code of		
			ethics		
			History of nursing in India		
		Explain the	Conceptual and theoretical		
		basic	models in nursing practice		
		concepts of	Introduction to models:-		
		conceptual	• -Holistic model		
		and	-Health belief model		Ch
		theoretical	-Health promotion model	9 /	Short
	-	models of	-Maslow's hierarchy of needs	Lecture	Answers
111	5	nursing	• Introduction to theories in	5	Vomi
""	3		Nursing:Florence Nightingale	Discussion	Very
			environm <mark>ental th</mark> eory		short
	et.		• -Orem's general theory of		answers
!			nursing		
1	et.		• - Peplau's theory of		
	CV-		interpersonal relationship		
	cal-		• - Henderson's definition of	1	0
	4		nursing	7.79	
		Communicate	Communication and	Lecture	
		effectively	nurse patient relationship		Essay
		with patient	Communication	Discussion	
		families and	-Definition		Short
	1	team	- Levels	Role play	answers
IV	10	members and	- Elements		
		maintain	- Types	Video film	very
		effective	-Factors influencing	on	short
		human	communication	nurses	answers
		relations	-Methods of effective	interactin	
		projecting	communication	g	
	1		ı	1	1



	I		A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	111 11	
		professional	-Attending skills, rapport	with the	
		image	building skills, empathy skills	patient	
			-Barriers to effective		
		Appreciate	communication	Practice	
		the	Helping relationships (NPR)	session on	
		importance	-Definition	patient	
		of patient	-Goals	teaching	
		teaching in	-Phases of a helping		
		nursing	relationship (NPR)	Supervise	
	100	4	Patient teaching:-	d	
	20		- purpose,	clinical	
	25		- principles,	practice	
			- role o <mark>f nurse</mark>	-	n
	Ψ.	Describe	Health assessment		0
	al .	purpose and	-Purposes	Locture	-
	€.	proces <mark>s of</mark>	-Process of health	Lecture	
	eri-	hea <mark>lth</mark>	assessment:	Discussion	-0
	cale	ass <mark>essment</mark>	-Health history, physical	Discussion	Structure
	-4		examination	Danie strate	d essay
		Describe the	-Methods :	Demonstr	
		health	- inspection,	ation	Short
V	30	assessment	-palpation,	Practice	answers
\ \	30	of each body	- percussion,		
		system	- auscultation,	on	very
	-		- olfaction.	simulators	short
		Explain the	Preparation of patient and unit	6	answers
		concept,	for physical examination	Supervise	
		uses, format	Nursing process	d	
		and steps of	The nursing process:-	clinical	
		nursing	- Overview	practice	
		process	-Definition		
	l		<u> </u>		l .

		Stone of Nursing Process		
		-Steps of Nursing Process		
	Documents	• Assessment:-		
	nursing	- Collection of Data –		
	process as	- types, sources, methods,		
	per the	- Formulating nursing		
	format	judgment,		
		- Data Interpretation		
	. 4. 3	Nursing diagnosis:-	-1	
	. 60	- Identification of client	7	
-	-	problems,	100	
470		-Nursing diagnosis	5	
- 3		statement,		
		- Differ <mark>ence be</mark> tween	-	P
400		medical and nursing		0
		diagnosis.		
45.		Planning :-		
0%		- Establishing Priorities,		
cale		- Establishing Goals and	-)
-6		- Expected outcomes.	- 91	
		- Selection of interventions,	69	
		- Protocols		
	3373	- standing Orders,	ı	
		- Writing Nursing Care Plan	1	
		Implementation:	- N	
_		-Implementing the		
		plan of care.		
		• Evaluation :		
		-Outcome of care		
		-Review and Modify		
		 Documentation and Reporting 		
			l	



		Describe the	Documentation and Reporting		
		purposes,	Documentation :-		
		types	-Purposes of		
		and	recording & reporting	l a atuma	
		techniques of	- General guidelines	Lecture	
		recording and	for recording	Discussion	
		reporting	-Types of	Discussion	Essay
		0.2	documentation system	Demonstr	
		.6	- Computerized	ation	Short
VI	5	-4	documentation	ation	answers
"	-20		-Common	Practice	
	3		record keeping forms	session	very
			• Reporting:-	30331011	short
-	O.		-Change of shift reports,	Supervise	answers
	-1		-transfer reports,	d	
-	ď.		-telephone report and	clinical	
	CIÉ-		-incident reports.	practice	
	de		Minimizing legal liability	p	
	- 4		through effective record	- 79	
			keeping.	69	
		Explain the	Hospital admission and discharge	Lecture	
		admission &	Admission to the hospital :		Essay
		discharge	-Purposes	Discussion	,
	1	procedure	-Types	- 1	Short
		Performs	- Unit & its preparation	Demonstr	answers
VII	5	admission &	- admission procedure	ation	
		discharge	- Medico legal issues.		very
		procedure	Discharge from the hospital:	Lab	short
			-DAMA & abscond,	Practice	answers
			- referrals & transfers		
			-Discharge planning	Supervise	



			-Discharge procedure	d	
			-Care of the unit after	clinical	
			discharge	practice	
			-Medico-legal issues	-	
		Describe	Infection control and waste		
		principles	management		
		and	Infection control		
		techniques	- Nature of infection,		
		for	-chain of infection,	4	
		infection	-methods of transmission,	5 July 1	
	400	control	-Body defenses against	Lecture	
	25	and	infection		
		biomedical	 Types of infection 	Discussion	n
	er.	waste	-Nosocomial infection		0_
	4	management	• Asepsis: concepts,	<u>Demo</u> nstr	Essay
	ď.	in	- medical and surgical	ation	Short
	ΩĹ.	Sup <mark>ervised</mark>	asepsis,		
VIII	20	Clin <mark>ical</mark>	-barrier methods	Practice	answers
	- 4	setti <mark>ngs</mark>	Hand washing-	session	very
			-Medical and surgical	69	short
			• Isolation: Source & protective	Supervise	answers
		सर्व	 Personal protective 	d	diswers
			equipments –	Clinical	
	_/	/	- types, uses,	practice	
			 techniques of wearing 		
			& removal		
			 Decontamination of 		
			equipment and unit		
			 Transportation of infected 		
			patients		
			Universal safety precautions-		

			standard precautions and		
			transmission based		
			precautions		
			Biomedical waste		
			management		
			- Importance		
			- Types of hospital waste		
		0.7	- Hazards associated with		
		.6	hospital waste	9	
	-	-4	- Decontamination of	1	
	200		hospital waste	5	
	25		- Segregation, transportation		
			and disposal	4	n
	Q.		- Hospital infection control		0
			committee-		
	eď.		Nurse's role.	344	111
	end"	Describe	Violeigne		
		Describe	Vial signs	<u>Le</u> cture	
	isto-	principles	Guidelines for taking vital signs	Lecture	5
	سار) طري نام			Lecture Discussion)
	ال ال الح	prin <mark>ciples</mark>	Guidelines for taking vital signs	1 0	Eccay
	U) 12	principles and	 Guidelines for taking vital signs Principles 	1 0	Essay
	10) 12) 12)	principles and techniques of	 Guidelines for taking vital signs Principles Body temperature 	Discussion	
	ىدى ئۆر	principles and techniques of monitoring	 Guidelines for taking vital signs Principles Body temperature Physiology, 	Discussion Demonstr	Short
IX	30	principles and techniques of monitoring and	 Guidelines for taking vital signs Principles Body temperature Physiology, regulation & factors 	Discussion Demonstr	
IX	30	principles and techniques of monitoring and maintaining	 Guidelines for taking vital signs Principles Body temperature Physiology, regulation & factors affecting body temperature 	Discussion Demonstr ation	Short
IX	30	principles and techniques of monitoring and maintaining vital	 Guidelines for taking vital signs Principles Body temperature Physiology, regulation & factors	Discussion Demonstr ation Practice	Short answers very
IX	30	principles and techniques of monitoring and maintaining vital	 Guidelines for taking vital signs Principles Body temperature Physiology, regulation & factors	Discussion Demonstr ation Practice	Short answers very short
IX	30	principles and techniques of monitoring and maintaining vital signs	 Guidelines for taking vital signs Principles Body temperature Physiology, regulation & factors affecting body temperature Sites, equipments, techniques & special consideration 	Discussion Demonstr ation Practice	Short answers very
IX	30	principles and techniques of monitoring and maintaining vital signs Monitor and	 Guidelines for taking vital signs Principles Body temperature Physiology, regulation & factors affecting body temperature Sites, equipments, techniques & special consideration Temperature alterations:- 	Discussion Demonstr ation Practice session	Short answers very short
IX	30	principles and techniques of monitoring and maintaining vital signs Monitor and maintain vital	 Guidelines for taking vital signs Principles Body temperature Physiology, regulation & factors affecting body temperature Sites, equipments, techniques & special consideration Temperature alterations:-	Discussion Demonstr ation Practice session Supervise	Short answers very short



	T	
	temperature	
	• Pulse	
	-Physiology & regulation	
	-Characteristics of pulse	
	- Factors affecting pulse	
	- Assessment of pulse, sites,	
	location, techniques	
0.5	-Alteration in pulse	_
1,6	Respiration	9
14	-Physiology & regulation	1 1
	-Mechanics of breathing	- 5
3	-Characteristics of	
	respiration	qn.
400	-Factors affecting respiration	0
- 1	- Alterations in respiration	
44	Blood pressure	
CÉ.	-Physiology &	- F
40	regulation of BP	7 .0
4	-Characteristics of B.P.	-09
	-Factors affecting B.P.	60
	-Assessment of B.P	
गर्व	- sites, equipments and	
	technique	
/	- Alterations in	
	blood pressure	
	-Assessment of B.P.	
	Assessment of TPR	
	Recording of Vital Signs	



		Describe the	Meeting needs of patients		
		basic	Basic needs		
		physiological and	-Activities of daily living		
		psychological	• -Provide safe and clean		
		needs of the	environment: -		
		patient	therapeutic environment		
			• -Physical environment:	Lecture	
		Describe the	temperature, humidity,	6	
		principles and	noise, ventilation, light,	Discussion	
		techniques for	odour, pest control	× 5	
	- 4	meeting basic,	• - Reduction of physical	-Demonstration	
		physiological and	hazards, fire, accidents	of sponge bath,	Essay
		psychosocial	• - Role of a nurse in	back care, nail	
	400	needs of patient	providing safe and clean	care, foot care	Short
x	60		environment.	and hair care	answers
^		Perform nursing	• -Patient environment :	Demonstration	
	65	assess <mark>ment, plan,</mark>	room, equipment and	of mouth care	very short
	1.72	imple <mark>ment and</mark>	linen	- 0	answers
		evaluat <mark>e the care</mark>	• - Making patients' beds:	Practice	
		for meeting, basic	• Types of beds	sessions	
		physiological and	and bed making.		
		psychosocial	 Comfort& Safety 	Supervised	
		needs of patient	- Factors influencing	Clinical	
		/	comfort	Practice	
	-		• - Comfort devices		
			• - Safety devices-		
			restraints, side rails,		
			airways .		
			Hygiene		
			• - Factors influencing		



	hygienic practices	
	• - Care of skin :	
	- Bath, Perineal care	
	• - Pressure Ulcers	
	- Care of pressure	
	points • - Care of oral cavity ,	
6.9	eyes, ears & nose	Ĉ.
1 1 6	• Care of Nail & foot, hair.	3/
2	Physiological needs	1 1
+	- Sleep and rest	5
3	- Physiology of sleep	
	-Factors affecting sleep	0
4	- Promoting	0
	rest and sleep	
4	- Sleep disorders	
CÚ-	Nutrition	
0	- Importance	
4	- Factors affecting	709
	nutritional needs	92
	- Assessment of	
सर्व	nutritional needs	F :
	- Meeting nutritional	
	needs:	
	principles, procedure	
	& special care	
	• - Oral, nasogastric and	
	gastrostomy feeding,	
	parenteral feeding.	
	Urinary elimination	
	-Review of physiology	

of urine elimination -Composition & characteristics of urine - Factors influencing urination • Alteration in urinary elimination: urinary retention & incontinence • -Types and collection of urine specimen -urine testing • Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination -Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel elimination and its				
characteristics of urine - Factors influencing urination • -Alteration in urinary elimination: urinary retention & incontinence • -Types and collection of urine specimen - urine testing • -Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, - Condom drainage, - Catheterization, - care of urinary drainage, - bladder irrigation. • Bowel elimination - Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			of urine elimination	
- Factors influencing urination • -Alteration in urinary elimination: urinary retention & incontinence • -Types and collection of urine specimen - urine testing • -Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, - Condom drainage, - Catheterization, - care of urinary drainage, - bladder irrigation. • Bowel elimination - Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			-Composition &	
urination • -Alteration in urinary elimination: urinary retention & incontinence • -Types and collection of urine specimen -urine testing • -Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			characteristics of urine	
- Alteration in urinary elimination: urinary retention & incontinence - Types and collection of urine specimen -urine testing - Facilitating urine elimination: assessment, types, equipments, - Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. - Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			- Factors influencing	
elimination: urinary retention & incontinence • -Types and collection of urine specimen -urine testing • -Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			urination	
urinary retention & incontinence • -Types and collection of urine specimen -urine testing • -Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			• -Alteration in urinary	
incontinence • -Types and collection of urine specimen -urine testing • -Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			elimination:	
-Types and collection of urine specimen -urine testing -Facilitating urine elimination: assessment, types, equipments, Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. Bowel elimination -Review of physiology of bowel elimination -Composition & characteristics of feces -Factors affecting bowel elimination - Alteration in bowel		0.5	urinary retention &	Ġ:
urine specimen -urine testing -Facilitating urine elimination: assessment, types, equipments, -Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigationBowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel		. 61	incontinence	4,
-urine testing • -Facilitating urine elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel		4	• -Types and collection of	≦ 3.
-Facilitating urine elimination: assessment, types, equipments, Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel	- 4	100	urine specimen	- 5
elimination: assessment, types, equipments, • Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel	25		-urine testing	
types, equipments, Procedures-Providing urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			• -Facilitating urine	O)
 Procedures-Providing urinal/bed pan, Condom drainage, Catheterization, care of urinary drainage, bladder irrigation. Bowel elimination Review of physiology of bowel elimination Composition & characteristics of feces Factors affecting bowel elimination Alteration in bowel 	400		elimination: assessment,	0
urinal/bed pan, -Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			types, equipments,	
-Condom drainage, -Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel	40		 Procedures-Providing 	
-Catheterization, -care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel	000		urinal/bed pan,	
-care of urinary drainage, - bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel	1.7		-Cond <mark>om drai</mark> nage,	- 0
drainage, - bladder irrigation. • Bowel elimination - Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel		4	-Catheterization,	7 7
- bladder irrigation. • Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			-care of urinary	69
Bowel elimination -Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			drainage,	
-Review of physiology of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel		सर्व	- bladder irrigation.	ar -
of bowel elimination - Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			Bowel elimination	
- Composition & characteristics of feces - Factors affecting bowel elimination - Alteration in bowel		/	-Review of physiology	
characteristics of feces - Factors affecting bowel elimination - Alteration in bowel			of bowel elimination	
- Factors affecting bowel elimination - Alteration in bowel			- Composition &	
bowel elimination - Alteration in bowel			characteristics of feces	
- Alteration in bowel			- Factors affecting	
			bowel elimination	
elimination and its			- Alteration in bowel	
			elimination and its	

	managament	
	management-	
	-constipation,	
	-diarrhoea,	
	-fecal impaction	
	Types & collection of	
	specimen of faeces-	
	observation	
0.7	• - Facilitating bowel	6 ,
1,6	elimination:	7/
	- assessment,	` >
4	equipment &	5
3	procedures-	
	-Passi <mark>ng of fla</mark> tus tube,	C)
40	-enemas,	0
	-suppository,	
4	-bowel wash.	
64	Mobility & Immobility	
53	• - Principles of body	- 0
4	mechanics	75
	• - Maintenance of normal	69
	body alignment and	
md	mobility	er -
	• - Hazards associated with	
	immobility	
	-Alteration in body	
	alignment and mobility	
	• - Nursing intervention for	
	impaired body	
	alignment and mobility:	
	assessment, types of	
	devices used, methods &	

	special considerations,
	rehabilitation aspects
	• - Range of motion
	exercises
	• - Maintaining body
	alignment: positions,
	• moving, lifting,
Q.	transferring, walking,
. 6	• restraints
	- Care of patients
	having restraints
	• alteration of mobility :
	Assessment of self care
400	ability and special
	considerations
4.	Oxygenation
CÉ-	- Review of
(a)	cardiovascular and
4	respiratory physiology
	- Factors affecting
	oxygenation
3.1	- Alterations in
	oxygenation
/	- Nursing interventions
	in oxygen
	administration :-
	-assessment, types,
	- equipment used,
	procedure and special
	consideration.
	• - Chest physiotherapy



	• Fluid, Electrolyte, and	
	Acid Base Balances	
	-Review of	
	physiological	
	regulation of fluid ,	
	electrolyte and acid	
	base balances	
0.5	-Factors affecting fluid,	ė-
6.	electrolyte ad acid	4,
7	base balance.	5.
4	- Alterations in fluid	- 5
3	and electrolyte balance	
	- Nursing interventions	(J)
< <	in fluid, electrolyte and	0
	acid base imbalance	
4	-Assessment, types,	
GE	equipment, procedure	
	and special	- 0
4	consideration	79
	• - Measuring fluid	69
	intake & output	
and	• - Correcting fluid and	a ·
	electrolyte –imbalance:	
	replacement of fluids-	
	oral and parenteral,	
	-Venipuncture	
	• - Regulating IV flow rates,	
	changing IV solutions and	
	tubing, changing IV	
	• dressing.	
	-Administering blood	

transfusion • - Restriction of fluids Psychosocial needs: - Concepts of cultural diversity, stress and adaptation, self concept, sexuality, spiritual health, coping with loss, death and grieving - Assessment of psychosocial needs - Nursing interventions for meeting psychosocial needs: Recreational and diversional therapies -Nurses role Meeting the special needs of patients -Care of patients having alterations in sensory functioning: -Visual and hearing impairment, Assessment of self care ability, Communication methods and special considerations • - Care of patient having altered sensorium -Unconsciousness-



			assessment & nursing		
			management.		
			_		
		Evalain the	Therapoutic use of best and		
		Explain the	Therapeutic use of heat and		
		general	cold applications		
		principles of	-General principles	Lecture	
		heat & cold	- Effect on the body	Discussion	Essay
		applications	Hot applications:	Demonstration	
		7.40	- Hot water bag	Practice	Short
ΧI	5	Demonstrat <mark>e</mark>	-Infra red therapy	sessions	answers
	-	procedures of	-Fomentation	Supervised	
		hot and cold	- sitz bath	Clinical	very short
		applications	• Cold applications: –	Practice	answers
			-Cold compress	(0
			-Ice cap		
			- Tepid sponge		
	(3)-	Explai <mark>n the</mark>	Administration of		
		princip <mark>les, routes</mark>	Medications	- 0	
		and effects of	General principles/	77	
		administration of	considerations	Lecture	Essay
		medications.	-Purposes of medication,	Discussion	
		गर्व	principles, rights, special	Demonstration	Short
		Calculate	considerations,	Practice	answers
XII	40	conversions of	prescriptions.	sessions	answers
		drugs dosages		Supervised	vom chort
		within and	Safety in administering	Clinical	very short
			medications	Practice	answers
		between system	Medication errors.		
		of	Drug forms		
		measurements.	Routes of administration		
			Storage and maintenance		



	Administer drugs	of drugs and nurses	
	by the following	responsibility,	
	routes-Oral,	Broad classification of	
	Intradermal,	drugs	
	Subcutaneous,	• -Therapeutic effect, side	
	Intramuscular,	effects, toxic effects,	
	Intra Venous,	idiosyncratic reactions,	
	Topical and	allergic reactions, drug	ė:
	Inhalation	tolerance, drug	4,
	-A	interactions.	_ ^ \ \ \ \ _
-	-	Factors influencing drug	- 5
- 3		actions	
		• Systems of drug	O.
400		measurement:	0
		- metric system,	
-4.		apothecary system,	
05		- house hold	
43		measurements,	.0
	4	-solutions.	7 79
		Converting measurement	69
		units: conversion within	
	सर्व	one system, conversion	FT:
		between systems, dosage	
	/	calculation.	\ \
		 Terminologies and 	
		abbreviations used in	
		prescriptions of	
		medications	
		Oral drug	
		administration:	
		-Oral, sublingual and	

buccal -Equipment, procedure. • Parenteral -General principles, decontamination and disposal of syringes and needles • -Types of parenteral therapies • -Types of syringes, needles, cannula, and infusion sets • -Protection from needle stick injuries • -Routes of parenteral therapies:-• Intra-dermal: purpose, site, - equipment, procedure, special -considerations -Subcutaneous: purpose, site, equipment, procedure, special considerations. • -Intramuscular : purpose, site, equipment, procedure, special considerations • -Intravenous: purpose, site equipment,

procedure, special considerations. -Advanced techniques: - epidural, -intrathecal, -intraosseous, -intraperitoneal, -intrapleural, -intra-arterial. - Role of nurse • Topical Administration -Purposes, site, equipment, procedure, • special considerations for application to skin & mucous membrane. -Direct application of liquids • -Gargle and swabbing the throat Insertion of drug in to the body cavity • -Suppository/ medicated pack in rectum/ vagina • -Instillations: Eye, ear, nasal, bladder and rectum. • -Irrigations: Eye, ear, nasal, bladder and rectum.

			• -Spraying-nose and		
			throat		
			• -Inhalation: nasal, oral,		
			endotracheal / tracheal		
			(steam, oxygen and		
			medications) : purpose,		
			types, equipment,		
		0.5	procedure, special	E.	
		. 6	considerations.	7,	
		-4	 -Nebulization 	100	
	-		 -Recording and reporting 	- 5	
	- 5		of medications		
			administered.	U.	
	400	Define	Rehabilitation	1.	
		rehabilitation	• -Definition of		
	400		rehabilitation		Short
	(35-	Explai <mark>n the</mark>	• -Concepts of	Lecture	Answers
XIII	5	conce <mark>pts,</mark>	rehabilitation	Discussion	
		principles and	• -Types of rehabilitation	Discussion	
		types	• -Role of nurse in	-0	Objective
		Discuss the role	rehabilitation		Туре
		of nurse in	भवन्त सांख	ef :	
		rehabilitation			



			Care of Terminally ill		
			patient		
			• Concepts of loss, grief	Lecture	
			Signs of clinical death	Discussion	
			Care of dying : Special	Demonstration	
			Considerations.	Case	Short
		Explain care of	Advance directives:	Discussion/Ro	answers
XIV	5	terminally ill	euthanasia, will, dying	Le Play	
AIV)	patient	declaration, organ	Practice Session	
			donation	Supervised	answers
	AU	-	Medico- legal issues	Clinical	
			• Care of body after death	Practice	
			– equip <mark>ment, p</mark> rocedure	U.	
			and care of unit		0
			• Autopsy		
	43,		• Embalming		
	CZ-		First Aid Nursing		
	1,37		• Definition		
	-	Evolain the	• Qualities of a first aider	Loctura	
		Explain the principles of first	Preparation of	Lecture Discussion	
		aid and	equipment	Demonstration	Short
		demonstrate	Application of bandages	Case	
χV	20	application of	and slings.	Discussion/Role	answers
		different types of	Shifting of patients with	Play	very short
		bandages	spine dislocation	Practice	answers
			Padding and splinting	Session	
			fractured limbs		
			First aid measures and		
			antidotes in Poisoning:		
			Immediate care of		



	patients with snakebite,	
	rabid dog bite, burns,	
	scalds, frost bite,	
	sunstroke, drowning,	
	electrocution	
	• First aid and nursing in	
	simple emergencies	
0.5	• Common accidents-	Ė.
.0	preventive measures &	4
-4	emergency care :	1 A
	-wounds,	- 5
3	-food poisoning,	
	-chem <mark>ical po</mark> isoning	U ⁿ
< <	-forei <mark>gn body</mark> in the	0
	eye, ear, nose & throat	
4	Cardio Pulmonary	
CZ	Resuscitation –BLS	

- Kozier. B etal. Fundamentals of Nursing, Concepts, Process and Practice New Delhi, Dorling Kendersl
- Fundamentals of Nursing –A procedure manual TNAI.
- Potter. P.A, Perry .A. G. Fundamentals of Nursing, St. Louis, Mosby.
- Taylor. C .etal. Fundamentals of Nursing-The Art & Science of Nursing Care, New Delhi
- Susamma Varghese & Dr. Valsamma Joseph. Nursing Foundations & First aid, 2nd edition, Frontline Publications, Hyderabad.
- Worlters Kluwer Health (India) Pvt Ltd.
- Wilkinson. J. M. Leuven .K .V. Fundamentals of Nursing-Thinking and Doing,
 NewDelhi, Jaypee Brothers Medical Publishers (P) Ltd.



- Tumby B K. Fundamentals Skills and Concepts in Patient Care, Philadelphia,
 Lippincott.
- Gupta. L. C & Gupta A. Manual of First Aid. New Delhi, Jaypee Brothers (P) Ltd.
- Gulanick.M. & Myers.J.L. Nursing Care Plans Nursing Diagnosis & Intervention,
 St.Louis, Mosby.
- Ulrich. S. P. & Canale. S. W. Nursing Care Planning Guides for Adults in Acute, Extended and Home care Settings, St.Louis, Elsevier.
- Clinical Nursing Procedure Manual Ecumenical Book Services, Chennai.
- National & International Journals on Nursing.

NURSING FOUNDATIONS – PRACTICALS

Placement: I Year Lab- 200 Hrs

Clinical – 450 Hrs

Area	Objective	Skills	Assignment	Assessment
				methods
Demonst	-Performs	Hospital admission and	-Practice in	-Evaluate
ration: -	admissi <mark>on and</mark>	Discharge	Unit/Hospital	with
Lab	disch <mark>arge</mark>		1/ /	checklist
-General	proce <mark>dure.</mark>	Admission		-Assessment
medical	-	-Prepare unit for new	-Write	of clinical
and	-Prepare	patient.	nursing	performance
surgery	nursing care	-Prepare admission bed.	records	with rating
ward.	plan based on	-Performs admission	of patient :	scale.
	nursing process	procedure: new patient,	Simulated – 1	-Completion
	/	transfer in	Actual - 1	of practical
		-Prepare patient records.		record.
		Discharge/Transfer out		-OSCE
		-Gives discharge		
		counseling		
		-Perform discharge		
		procedure:		-Assessment



		(planned discharge,		of nursing
		DAMA and abscond,		process
		referrals and transfers).		records with
		-Prepare records of		check list.
		discharge / transfer.		
		-Dismantle, and disinfect		-Evaluate the
	_	unit and equipment after		implementati
	0.5	discharge / transfer.	18	on of
	. 6.	Perform assessment:	4	nursing care
	-4	-History taking, Nursing	()	with rating
- 2	-	diagnosis, problem list,		scale.
25		prioritization, goals &		
		expected outcomes,		5
40		selection of interventions.		C
		-Write nursing care plan.		
400		-Gives care as per the	/ /	111
20		plan.		-20
Lab	-Com <mark>municate</mark>	Communication	-Role plays in	-Assess
	effecti <mark>vely</mark>	-Use verbal and non verbal	simulated	role plays
Hospital	with patient	communication	situations on	with
	families and	techniques.	communicati	the check list
	team members.	भवन्त गांग	on	on
		Prepare a plan for	techniques –	communicati
	/	patient teaching session.	1	on
_	-Maintain		-Health talk –	techniques.
	effective	Write patient report	1	-Assess
	human	-Change-of shift reports,	-Write nurses	health
	relations.	transfer reports, incident	notes	talk with the
		reports etc.	-Present	checklist.
	-Develops plan	-Present patient report.	the patient	
	for patient	Vital signs	report of 2-3	-Assessment

	teaching.	-Measure, records and	assigned	of
		interpret alterations in	patients.	communicati
	-Prepare	body temperature, pulse	-Lab practice	on
	patient reports	respiration and blood	-Measure	techniques
	-Presents	pressure.	vital	by rating
	reports.	Health assessment	signs of	scale.
	-Monitor vital	-Health history taking	assigned	-Assessment
	signs.	-Perform assessment:	patients	of
	-Perform health	general, body systems	-Simulated	performance
	assessment of	-Use various methods of	exercises on	with rating
- 2	each body	physical examination:	CPR mannikin	scale.
- 3	syste <mark>m.</mark>	Inspection, Palpation,		-Assessment
	-Provide basic	Percussion, Auscultation,		of each skill
40	nursing care	Olfaction.		with
	to patients.	-Identification of system		checklist.
45		wise deviations.	1	-Completion
0%		Prepare Patient's unit:		of activity
cul		-Prepare beds:	/ /	records
	٤	Open, closed, occupied,		4
		operation, amputation	6	1
		-cardiac, fracture, burn,		
	- सार्व	divided, & fowlers bed.	Erri -	
		-Pain assessment and		
	/	provision for comfort.	\	
		Use comfort devices		
		Hygienic Care:		
		-Oral hygiene:		
		-Baths and care of		
		pressure points.		
		-Hair wash, Pediculosis		
		treatment.		

Feeding: Oral, Enteral, Naso/Orogastric, Gastrostomy and Parenteral feeding. Nasogastric tube insertion and irrigation. Assisting patient in Urinary elimination. -Provides urinal/bed pan -Condom drainage -Perineal care -Catheterization -Care of urinary drainage -Bladder irrigation Assisting bowel Elimination: -Insertion of flatus tube -Enemas -Insertion of suppository. -Bowel wash Alignment Body and Mobility: -Range motion of exercises - Positioning: Recumbent, Lateral (Rt/Lt), Fowlers, Sims, Lithotomy, Prone, Trendelenburg position. - Assist patient in moving, transferring, lifting, walking



- Restraints. Oxygen administration Suctioning: oropharyngeal, nasopharyngeal physiotherapy Chest &postural drainage CPR – Basic life support Intravenous therapy Blood and blood component therapy. Collection of specimen - Collect/assist for collection of specimens for investigations - urine, sputum, faeces, vomitus, blood and other body fluids - Perform lab tests: Urine: Sugar, albumin, acetone, Blood: Sugar (with strip/glucometer) Hot and cold applications: Local and general Communicating and assisting with self-care of & visually hearing impaired patients. Recreational and



		Diversional therapies.		
		Caring of patient with		
		altered sensorium		
Lab	-Perform	Infection control	-Observation	-Evaluation
	infection	-Hand washing	and write	of
Hospital	control	techniques.	report :	observation
Dept. of	procedures.	(simple, hand antisepsis	Department	report
infection	. 6	and surgical antisepsis	of	
control,	-4	(scrub)	Infection	-Evaluate all
CSSD		-Prepare isolation unit in	control &	Procedures
25	-Perform	Lab/ward.	CSSD.	with
	procedures for	-Practice tec <mark>hnique</mark> of		checklist.
400	care of wounds.	wearing and removing	-Collection of	0
		Personal protective	samples for	
400		equipments (PPE)	culture	111
65		-Practice standard safety		-2
111		precautions	/ /	Ô
	4	(Universal precautions)		O)
		Decontamination of	9	1
		equipment and unit:-		
	3354	Surgical asepsis:	17.7	
	44.0	-Sterilization	H-1.	
	1	-Handling sterilized	1	
_		equipment		
		-Calculate strengths of		
		lotions,		
		-Prepare lotions.		
		-Care of articles.		
	-Administer	Administration of		
	drugs.	medications.		

-Provide care	Administer medications
to dying and	in different forms and
dead.	routes:
-Counsel	-Oral, Sublingual and
and support	Buccal.
relatives.	-Parenteral: Intradermal,
	subcutaneous,
a.5	Intramuscular etc.
.6.	-Assist with Intra Venous
-4	medications.
3	-Drug measurements and
- 3	dose calculations.
	-Preparation of lotions
400	and
	solutions.
< /	-Administers topical
04	applications.
col.	-Insertion of drug into
4	body cavity
	-Suppository & medicated
	packing etc.
गार्थ	-Instillation of medicines
	and spray into Ear, Eye,
	Nose and throat.
	-Irrigations: Eye, Ear,
	Bladder, Vagina and
	Rectum.
	-Inhalations: dry and
	moist.
	Care of dying patient.
	-Caring and packing of

		dead body.		
		-Counseling and		
		supporting grieving		
		relatives.		
		-Terminal care of the unit.		
Lab	Apply bandages	-Application of bandages,	Demonstrate	Check list
	and slings	binders, splints & slings.	in the lab	
Hospital	0.5	bandaging of various	· e .	
	. 6	body parts.	Practice in	
	-4	0.00	the clinical	
-0			area	5

CLINICAL ASSIGNMENTS

Nursing Assessment-

History Collection,

Physical assessment

Nursing care plan - 5

Nursing care plan presentation - 2

Health talk -1

Nursing foundations record

Log book

Daily Diary



English

Placement - I Year

Theory (In hours) -30

Course Description:

The Course is designed to enable students to enhance ability to comprehend spoken and written English for effective communication in their professional work.

Un it	Time (Hrs)	Learning objectives	Content	Teaching Learning Activities	Assessment
1	8	Speak and write grammatically correct English	 • Review of Grammar • Building Vocabulary • Phonetics • Public Speaking 	Exercise on use of Grammar Practice in Public Speaking	Objective type test Fill in the blanks Para Phrasing
II	7 W 64 3 W	Develop ability to read and understand the prescribed text	READING • Read and comprehend prescribed course books	Exercise on: -Reading Summarizi ng Comprehe nsion	Short answers Essay type test
III	8	Develop writing skills	VARIOUS FORMS OF COMPOSITION • Letter writing • Note taking • Precise Writing • Nurses notes • Anecdotal records • Diary Writing • Reports on client's health status • -Preparation of	Exercises on writing: -Letter writing -Nurses notes -Precise -Diary -Anecdote -Story writing - Resume/C V -Essay writing -Discussion on written	Prepare letters, diary, resume

			resume/ CV	reports/ documents	
IV	6	Develop skill in spoken English	 SPOKEN ENGLISH Oral report Discussion Debate Telephonic conversation 	Exercise on: -Debating - Participatin g in Seminar, panel symposium	Assessment of the various skills
V	4	Develop skill in listening comprehensio n	COMPREHENSION media, audio, video, speeches etc	Exercise on: -Listening to Audio video tapes and identify the key points	Assessment of the various skills

- David M T. English for Professional Nursing, Chennai, B I Publishers Pvt Ltd
- Lohumi S. Remedial Grammer and Composition, Jalaandhar, Vikas Co
- Platt M and Landgridge A. English for Nurses- A Natural Approach to Language Learning, New Delhi, Orient Longman Pvt Ltd.
- Rose S. Career English for Nurses. Chennai. Orient Blackswan Pvt Ltd.
- Taylor G. English Conversation Practice. New Delhi . Tata Mc Graw Hill Publishing
 Co



INTRODUCTION TO COMPUTER

Placement: I year Theory (In hours) - 45

(Class hours-15+ Lab hours -30)

Course description:

This course is designed for students to develop basic understanding of the use of computers and its applications in nursing



				Installing a program and		
				setting it as a default		
				program		
				Backup and restore		
			Describe and	Introduction to disk	Lecture	Short
			use the Disk	operating system - DOS	Discussion	answers
			Operating	• DOS		
ш	6	20	System	Windows (all version):	Demonstr	Objective
"		20	Q.	- Updating windows	ation	type
		~3	Demonstrate	- MS word	100	
	-0		skill in the use	- Excel	Practice	Practical
	25		of MS office	- office packages	session	exam
			Demonstrate	Multimedia; types &uses		
	ď		skill ion using	Changing the appearance	11	Short
	1		multimedia	and personalizing	Lecture	answers
	ď.		Id <mark>entify</mark>	Computer aided teaching	Discussion	Objective
Ш	2	3	features of	& testing	Demonstr ation	type
	(3)		computer	Power point presentation		Practical
		ć.	aided		Practice	exam and
			teaching and		session	viva voce
			testing			
			सर्व :	Use of internet and e-mail		Short
			Demonstrate	Set up an internet	Lecture	answers
		1		connection	Discussion	Objective
IV	1	3	use of	E-mail and attachments	Demonstr	type
			internet and	Browsing history	ation	Practical
			e- mail	Default page		exam and
				Social media		viva voce
L	1	l	1			

				Statistical packages	Laakuwa	Short
				• - Types and their features	Lecture	answers
			Describe and		Discussion	Objective
V	2	2	use the		Demonstr	type
•	_	_	statistical		ation	
			packages		Practice	Practical
					session	exam and
			2.5	40 43	36331011	viva voce
			Describe the	Health Management		
			components	Information System (HMIS)		Short
		mali m	and uses of	• Components, uses	Lecture	answers
VI	1	2	health		Discussion	Objective
	25		management		Demonstr	type
			information		ation	Un .
	et"		system	Name of Street		0

- Alicold Leslie H. Computers in Nursing. Philadelphia, Lippincot
- Dheena Dayal R. Computer Science, Vol I& II, New Delhi. Tata Mc Graw Hill
 Publishing Company Ltd
- Goel M K. Introduction to Computer Science. New Delhi. Sterlin Publishers Pvt Ltd.
- Jain P and Kumari N. Introduction to Computers for Nursing, Jalandhar, S. Vikas
 &CO
- Reddy N N . Computer Education for BSc Nursing . Hydrabad. Front line
 Publishers
- Vikas Guptha. Condex Computer Courses Kit. New Delhi, Dreamtech Press



SECOND YEAR B.Sc NURSING SOCIOLOGY

Placement: II Year Theory 60 hours

Course description:

This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Unit	Time (hrs)	Learning objectives	Content	Teaching learning activity	Assess ment methods
		-Identify the	Introduction		
	100	basic	• -Sociology-definition,		CI.
	47	concepts in	origin, nature and scope	5	Short
		sociology	• -Primary concepts-society,	Lecture	answers
'		-State the	commu <mark>nity, ins</mark> titution	Discussion	Von
	4.	importance	• -Importance and		Very
-	4	of sociology	application of sociology in		short
-	E.	in nursing.	nursing		answers
	T-		Individual & society		Essay
	ωb.	Describe the	• -Society- definition,		
	4	relationship	characteristics and types.	60	Short
	3	of individual	• -Community- types,	Lecture	answers
"	3	in society	characteristics, elements,	Discussion	
		and	-Difference between		Very
	,	community	society and community.		short
			• -Personal disorganization.	\sim	answers
		Describe the	Culture and Socialization		Essay
		influence of	• Culture :		
III	4	culture and	-Definition, characteristics,	Lecture	Short
'''	4	socialization	functions	Discussion	answers
		on health	-Evolution of culture:		
		and disease.	-invention, diffusion,		Very



			transmission		short
			• -Unity and diversity in		answers
			culture		
			• -Cultural lag		
			• -Acculturation,		
			Enculturation and		
			transculturation		
		a.5.	-Cultural factors in health		
		Ø.,	and disease	4,	
	100		Socialization:	1	
	20		-Meaning, process, stages	5	
	25		& agencies of socialization.		
			-Individua <mark>lisation</mark>		Un
-			Social groups		0
	d.		• -Meaning, characteristics		
- 4	0		and classification		177
	1		• -Primary and secondary		Essay
	de		groups, characteristics and)
	4	Identify	importance in society	- 79	
		various	• -Ingroups and outgroups	60	Ch
IV	5	social groups	• -Unorganised groups :	Lecture Discussion	Short
		and their	characteristics and types-	DISCUSSION	answers
		interactions	crowd, mob, public,		Voru
			audience	1	Very short
			• -Permanent special groups-		
			band, tribe, clan/sib, horde,		answers
			state		
			• -Reference group		
V	3	Identify the	Social process	Lecture	Essay
V	3	various	• -Meaning, characteristics	Discussion	



		social	and importance in society		Short
		process and	-Conjunctive process/		answers
		social	associative process:		
		systems	cooperation,		Very
		,	accommodation,		short
			assimilation.		answers
			• -Disjunctive		
		251	process/dissociative		
		6.4	process : competition,	4.	
	-2		conflict, Isolation	()	
	50		Social system	1	
	46,		- Definition, types, elements	,	
	2		-Status and role: importance		Jn.
	of the		in society		0
			-Political , economic,		_
	-		religious and		TTT
			educational systems	1	28
	-		Society and population	-	,
	133		-Demography and its	75	
	3		characteristics,	69	
			demographic cycle.		Eccay
		Explain the	-Population distribution in		Essay
		growth of	India	-	Short
	1	population in	-Malthusian theory of	Lecture	answers
VI	3	India and its		Discussion	alisweis
			population	Discussion	Very
		impact on health	-population explosion in		short
		Health	India and its impact on		
			health status		answers
			-Family welfare		
			programmes and its impact		
			on population control.		

			Social institutions		
			-Characteristics and		
			functions		
			• Family:		
			-Definitions, functions,		
			types (nuclear, joint,		
			blended and extended		
		Dagwika tha	family), characteristics,		Essay
		Describe the	merits and demerits,	4	
	- 1	major social	present trends, family	1 1	Short
.,,,	-20	institutions	problems, welfare services.	Lecture	answers
VII	- 6	in India and	• Marriage:	Discussion	
		its influence	-Characteristics, functions,		Very
-	00	on health practices	types		short
			-Marital problems-dowry,		answers
	ď		divorce		
	rd.		-Changes and legislation on		200
			family and marriages in		5
	7		India-marriage act		
	-		-Role of family and		
			marriage on health and		
		má	health practices		
			Social stratification		
	1	Describe the	-Meaning, characteristics		Essay
	-	class and	and types of social		ı
		caste system	stratification		Short
VIII	4	and their	Indian caste system-origin	Lecture	answers
		influence on	and features; present trend	Discussion	
		health and	-Social class system- nature		Very
		health	and characteristics;social		short
		practices			answers
			class and life style		

Social mobility-meaning and types; social mobility in India						
India -Race: biological characteristics, classification, races in India -Impact of social stratification on health and health practices. Communities in India -Types of communities in Indian-Rural, urban and regionalRural community: -Characteristics of Indian villages, changes in Indian rural life, rural problems, rural planning and reconstruction, - panchayat raj system, community participation, - community participation, - community participation, - community development programmes, - health facilities in rural areas and its impact on health and health practices - Urban community: - Features, urbanization-growth of cities, urban slums, major urban				-Social mobility-meaning		
P. Race: biological characteristics, classification, races in India				and types; social mobility in		
characteristics, classification, races in India -Impact of social stratification on health and health practices. Communities in India -Types of communities in India-Rural, urban and regional. -Rural community: -Characteristics of Indian villages, changes in Indian rural life, rural problems, rural planning and reconstruction, - panchayat raj system, community participation, - community development programmes, - health facilities in rural areas and its impact on health and health practices -Urban community: Features, urbanization- growth of cities, urban slums, major urban				India		
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IX				characteristics,		
Stratification on health and health practices. Communities in India -Types of communities in India-Rural, urban and regional. • -Rural community: -Characteristics of Indian villages, changes in Indian rural life, rural problems, rural planning and reconstruction, • panchayat raj system, community participation, • community participation, • community development programmes, • health • health facilities in rural answers areas and its impact on health and health practices • -Urban community: Features, urbanization-growth of cities, urban slums, major urban				classification, races in India		
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regional. - Rural community: - Characteristics of Indian villages, changes in Indian rural life, rural problems, rural planning and reconstruction, - panchayat raj system, community participation, - community development programmes, - health facilities in rural areas and its impact on health and health practices - Urban community: Features, urbanization- growth of cities, urban slums, major urban		-2				
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growth of cities, urban slums, major urban				•		
slums, major urban				·		
problems and its impact on						
				problems and its impact on		

			health and health		
			practices.		
			-Regions: problems and		
			impact on health		
			Social change		
			-Characteristics, causes and		
		c. 1	process of social change		Essay
		, Q. "	-Factors influencing social	-1	,
		Explain the	change –cultural change,	7/	Short
		process of	cultural lag, social change	Lecture	answers
X	4	social	• -Introduction to theories of	Discussion	answers
	25		socialchange : Linear,	Discussion) / a a
		change	Cyclical <mark>, Marxia</mark> n,		Very
-	ľ.		Functional		short
	J		• -Planned changes- social		answers
	ď		marketing in health sector		-
	est.		-Role of the nurse		20
			Social organization	_	7
	7		-Characteristics, types	- 0)	
	3		(formal,informal),modes of	69	Essay
					-000,
			participation		
		Describe the	participation • -Voluntary organizations-		Short
		Describe the	-Voluntary organizations-	Lecture	Short
ΧI	5	social	-Voluntary organizations- social health agencies	Lecture	Short answers
ΧI	5	social organization	-Voluntary organizations- social health agenciesSocial Disorganization	Lecture Discussion	answers
ΧI	5	social	 -Voluntary organizations- social health agencies Social Disorganization -Definition, characteristics, 		answers Very
ΧI	5	social organization	 -Voluntary organizations- social health agencies Social Disorganization -Definition, characteristics, causes, types, remedial 		answers Very short
ΧI	5	social organization	 -Voluntary organizations- social health agencies Social Disorganization -Definition, characteristics, causes, types, remedial measures 		answers Very
ΧI	5	social organization	 -Voluntary organizations- social health agencies Social Disorganization -Definition, characteristics, causes, types, remedial measures -Personal disorganization, 		answers Very short
ΧI	5	social organization	 -Voluntary organizations- social health agencies Social Disorganization -Definition, characteristics, causes, types, remedial measures 		answers Very short
XII	5	social organization	 -Voluntary organizations- social health agencies Social Disorganization -Definition, characteristics, causes, types, remedial measures -Personal disorganization, 		answers Very short
		social organization s	 -Voluntary organizations- social health agencies Social Disorganization -Definition, characteristics, causes, types, remedial measures -Personal disorganization, family disorganization 	Discussion	answers Very short answers

		process of	types of social control.		Short
		social	-Formal and informal		answers
		control	means of social control		
			-Agencies of social control		Very
			Folkways, mores, customs,		short
			traditions, religion, public		answers
			opinion, believes,		
		0.5	ideologies, law and fashion.		
		6 °	• -Social norms: nature and	4,	
			importance in social life	100	
	20		Anomie and deviance	- 5	
	3		• -Role of the nurse		_
			Social problems		r-
	T.		-Meaning, causes		C
-	al .		• -Major social problems:		1777
-	ď.		poverty, housing, illiteracy,		Time.
	C/L		food supplies,		-0
	cab.		unemployment, substance		Essay
	4	Describe the	abuse, prostitution, crime	/ 79	LSSay
		role of the	and juvenile delinquency.		Short
		nurse in	• -Vulnerable groups :	Lecture	answers
XIII	12	dealing with	Problems of aged,	Discussion	answers
		social	Problems of children		Very
		problems in	• (child labour, child abuse,		short
		India	trafficking, street children),		answers
			• Problems of women,		
			Handicapped, Minorities		
			and marginalised groups,		
			HIV/AIDS		
			 -Rights of women and 		
			children		

	-Social security	
	-Control and planning	
	-Social welfare	
	programmes in India	
	• -Role of the nurse	

- Gurberg M. Sociology. New Delhi, Surgeet Publications
- Lemmon Mary.Sociology and Social Problems in Nursing; St Louis, C V Mosby Co
- Venkettaraman R. Medical Sociology in an Indian Setting. Mc Company India Pvt Ltd
- Cockerham William C, Medical Sociology. Engelwood Cliffs: Prentice Hall
- Park J E and K Park. Textbook of Preventive and Social Medicine. Jabalpur: Banarsidas Bhanot Publishers.
- Horton B P & Hunt C L.Sociology. New Delhi, Tata Mc Groaw Hill

MEDICAL SURGICAL NURSING (ADULT including GERIATRICS) –I MEDICAL NURSING

Placement: II Year Theory- 110 Hrs

Nursing faculty-90hrs

External faculty-20hrs

Practical: 440 hrs

Course Description:

The purpose of this course is to enable students to identify the etiology, pathophysiology, symptomatology, diagnostic measures and management (medical, nursing and dietetic) of common medical, communicable and dermatological diseases and to develop proficiency in caring for patients with these diseases.



Unit	Time	Learning objectives	Content	Teaching learning activities	Assess ment methods
		Appreciate the	Introduction		
		trends	• - Evolution and trends of		
		in medicine and	medicine		
		medical nursing	• - Review concepts of health		
		Describe the	and illness,		
		role of a nurse	• - concepts of disease	ed.	
		in caring	causation	100	
	- 1	patients with	• - International classification	Lecture	
	400	medical	of diseases	Eccture	Short -
	5	dermatologic	• (ICD-10 or later version)	Discussion	answers
	(NF-	and	• - Acute <mark>illness,</mark> chronic	Discussion	0.
	4	communicable	illness, terminal illness	Assignmen	Very
	EF-1)	diseases.	• - Stages of illness.	ts	short
	d.	Describe the	• - Review concepts of	ts	answers
	O-	common	comprehensive nursing	7	
	ψħ.	signs,	care.	794	
	- 5	symp <mark>toms</mark>	• - Review of nursing process	65	
		and problems	• - Evolution and trends in		
		and	medical nursing		
		their specific	- Role and responsibilities of	=	
		nursing	nurse in medical wards		
		interventions			
		Describe the	Common signs& symptoms	Lecture	
	7	common	and its management.		Short -
l II	NF-6	signs ,	• - Fluid and electrolyte	Discussion	answers
	EF-1	symptoms	imbalances		
		and problems	- Acid base imbalances	Demonstr	Very
		and	• Oedema, Pain, Dyspnoea	ation	short



		their specific	and cough,		answers
		nursing	Unconsciousness, Syncope,		
		interventions	Fever and hyperthermia.		
			Nursing management of		
			patients with respiratory	Lastuna	
			problems.	Lecture	
		- A	Review of anatomy and	Discussion	
		Q. 2	physiology of respiratory	Discussion	
		. 6	system.	Demonstr	
	-		-Assessment of respiratory	ation	
	47	Explain the	system - nursing history	ation	
	-5	etiology,	and physical examination	Observatio	
		Patho	• -Diagnostic measures and	n visit	Essay
	et.	physiology,	related nursing care –	11 41510	Losay
	-1	Clinical	• sputum examination, X-ray,	supervised	Short -
	12	manifestations	pulmonary function test,	clinical	answers
III	NF-	diagnostic	allergic tests, mantoux test	practice	
	10	me <mark>asures</mark>	• thoracentesis,	1	Very
	EF-2	and	bronchoscopy, pulse	Drug book	short
		management of	oximetry, ventilation	5,000	answers
		patients with	perfusion scan	Presentati	
		disorders of	• - Etiology, pathophysiology,	ons	
		respiratory	clinical manifestations,		
		system.	complications, diagnosis,	Lab	
			 medical, dietetic and 	practice	
			nursing management of		
			patients with the following	Health	
			diseases	education	
			- Lower respiratory		
			infections, COPD, Bronchial		
			asthma, Bronchiectasis,		

			Bronchitis, Atelectasis,		
			Pneumonia, Pulmonary		
			tuberculosis, Pleurisy,		
			Pleural effusion, Pulmonary		
			hypertension, Pulmonary		
			oedema, Pulmonary		
			embolism		
		0.51	• -special therapies:		
		6	-Chest physiotherapy,	4	
		4	- incentive spirometry	< 3.	
	250		• -Rehabilitation	- 5	
	25		• - Review drugs used in the		
			treatment of respiratory		n
	(C)		disorders.		0
	_	E alatanha	Nursing management of		
	ď.	Explain the	patients with	Lecture	
	cić.	etiology	Cardiovascular and	Discussion	F
	de	pat <mark>hophysiolog</mark>	hematological diseases	Demonstr	Essay
	-4	y	• - Review anatomy and	ation	Chort
		clinical	physiology of cardiovascular	observatio	Short -
	18	manifestations	system.	n visit	answerrs
		diagnostic measures	-Nursing assessment	supervised clinical	rrs
IV	NF-		and physical examination		Von
	15,	& management of	• - Diagnostic measures and	practice Drug book	Very shhort
	EF-3	patients with	related nursing care :	Presentati	
		disorders of	• - complete blood count,	ons	answers
		cardiovascular	ECG, echocardiogram,	Lab	
		&	cardiac catheterization,	practice	
		hematologic	cardiac enzymes, nuclear,	Health	
		system.	imaging, TMT, coronary	education	
i	1	2,000	angiography, CVP, Doppler	24464661	

studies, plethysmography, arteriography, bone marrow analysis. • - Etiology, pathophysiology, symptomatology, diagnosis, medical, dietetic and nursing management of patients with the following conditions: - Atherosclerosis, Coronary Artery Diseases - Myocardial infarction, Angina pectoris - Hypotension, Hypertension - Endocarditis, Pericarditis, Myocarditis - Rheumatic Heart Disease - CCF , Cor Pulmonale, Pulmonary oedema Cardiogenic shock - CPR Haematology - Anaemia - Iron deficiency anaemia, Haemolytic aneamia, Megaloblastic anaemia, Thalassaemia Sickle cell diisease, Aplastic anemia, Polycythemia -Bleeding disorders :-- Disseminated intravascular coagulation, Hemophilia, Thrombocytopaenia



			- Leukemia, Leukopaenia,		
			Lymphoma,		
			Agranulocytosis, Myeloma		
			-Bone marrow/ stem cell		
			transplantation		
			-		
			-Blood transfusion - safety		
		. 51	checks, procedure and		
		S &r	requirements, management	-0	
	1	4	of adverse reactions,	16.	
		- 1	recording.		
	40		- Management and	>	
	-5		counselling of blood		0
			donors,		es.
	4		-phlebotomy and post		
			donation management,		177
-	ď.		blood bank functioning and		
	CIÉ-		hospital transfusion		
	الريا		committee		
	4		- Biosafety and waste	-779	
			management in relation to	1-9	
			blood transfusion		
		and	• - Review drugs used in the		
			treatment of		
			cardiovascular and	- No.	
	_		haematologic disorders.		
		Describe the	Nursing management of	Lecture	Essay
	10	etiology, patho-	patients with disorders of	Discussion	
V	NF-	physiology,	digestive system	Demonstr	Short -
	8,	clinical	• - Review anatomy and	ation	answers
	EF-2	manifestations,	physiology of digestive	observatio	
		diagnostic	system.	n visit	Very
	I	I	I	1	

	measures	• - Nursing assessment-	supervised	short
	and	history and physical	clinical	answers
	management of	examination, nutritional	practice	
	patient with	assessment.	Drug book	
	disorders of	• - Diagnostic measures and	Presentati	
	digestive	related nurses role -	ons	
	system	endoscopy, LFT, barium	Lab	
	0.5	meal, barium enema,	practice	
	.0.	ultrasonography, gastric	Health	
	-4	analysis, liver biopsy,	education	
-20		endoscopic retrograde	5	
3		Cholangio pancreato		
		graphy, blood studies.		n e
40)		• - Etiology, pathophysiology,		0
		symptomatology, diagnosis,		
40.		medical, dietetic and		
02		nursing management of	7	
100		patients with the following		ì
-6		conditions:	. 19	
		- disorders of oral cavity.	69	
		- Oesophagitis, GERD		
	सार्व	- Irritable bowel syndrome,		
		-Hepatitis, Cirrhosis of liver,		
		Portal hypertension,	1	
		-Hepatic failure and hepatic		
		coma,		
		-Metabolic syndrome,		
		Obesity,		
		• - Review drugs used in the		
		treatment of		
		gastrointestinal disorders.		

			Nursing management of		
			patients with		
			disorders of urinary system.		
			• - Review anatomy and		
			physiology of urinary		
			system.		
			• - Nursing assessment -		
		0.2	history and physical	Lecture	
		Describe the	examination.	Discussion	
	1	Describe the	• - Diagnostic measures and	Demonstr	
	40	etiology,Pathop hysiology,	related nursing care:	ation	Essay
	35	clinical	- blood chemistry, urinalysis,	observatio	LSSay
	Q	manifestations,	RFT, clearance studies, KUB,	n visit	Short -
		diagnostic	IVP, renal arteriogram,	supervised	answers
VI	NF-	measures	renal biopsy, cystoscopy,	clinical	answers
	6,	and	urodynamic studies,	practice practice	Very
	EF-2	management of	cystogram and	Drug book	short
	i,j,b	patients with	urethrogram.	Presentati	answers
	4	disorders	• - Etiology, pathophysiology,	ons	
		of urinary	symptomatology, Medical,	Lab	
		system.	dietetic and nursing	practice	
		गर्व	management of patients	Health	
			with:	education	
	1	/	- Nephritis, Nephrotic	1	
			syndrome, Urinary tract		
			infections, Acute renal		
			failure, Chronic renal		
			failure.		
			• - Review drugs used in		
			urinary system.		



			Nursing management of		
			patients with		
			disorders of nervous system.		
			• - Review anatomy and		
			physiology of nervous		
			system.		
			-Nursing assessment-		
		a5'	nursing history and physical	Lecture	
		Describe the	examination	Discussion	
		etiology	- Diagnostic measures and	Demonstr	
	250	pathophysiolog	related nursing care:	ation	
	200	у,	Lumbar puncture, CSF	observatio	Essay
		clinical	analysis <mark>, cereb</mark> ral	n visit	n
	12	manifestations	angiography, CT, MRI,	supervised	Short -
	4	diagnostic	magnetic resonance	clinical	answers
VII	NF-	meas <mark>ures</mark>	- angiography, PET Scan,	practice	111
	10;	and	SPECT Scan, cerebral	Drug book	Very
	EF-2	ma <mark>nagement of</mark>	ultrasound, EEG, EMG,	Presentati	short
	1	patients with	myelography, evoked	ons	answers
		disorders	potential	Lab	
		of nervous	• - Etiology, pathophysiology,	practice	
		system.	symptomatology, medical,	Health	
			dietetic and nursing	education	
			management of patients	1	
	-		with:		
			-Head ache, Migraine,		
			Increased ICP, Cerebral		
			oedema, TIA,		
			-Cerebrovascular accident, ,		
			Meningitis, Encephalitis,		
			-Cranial and spinal		

	ACRALA UA,	Describe the etiology pathophysiolog	neuropathies, bell's palsy, trigeminal neuralgia, Guillain Barre Syndrome, Myasthenia gravis, Parkinsonism, Multiple sclerosis, Dementia. • Role of nurse in communicating with patients having neurologic deficits. • Rehabilitation of patients with neurological deficits • Review drugs used in the treatment of neurological disorders. Nursing management of patients with endocrine disorders. • Review anatomy and	Lecture Discussion Demonstr ation	Essay
VIII	8 NF-6 EF 2	y, clinical manifestations diagnostic measures and management of patients with endocrine disorders.	physiology of endocrine glands. • - Nursing assessment, nursing history, physical examination. • - Diagnostic measures and related nursing care - blood sugar analysis, GTT, thyroid scan, thyroid FNAC, thyroid function tests, tests of adrenal function, tests of pituitary function, tests of	observatio n visit supervised clinical practice Drug book Presentati ons Lab practice Health education	Short - answers Very short answers

			parathyroid function.		
			, ,		
			• - etiology, pathophysiology,		
			symptomatology medical		
			management, dietetic		
			management and nursing		
			management of patients		
		۱ ے ۱	with:		
		- QL -	- Diabetes mellitus,	-11	
		, e	Pituitary disorders,	7/	
	14	-4	Disorders of thyroid and	100	
	-		parathyroid glands,	5	
	25		Disorders of adrenal gland.		
			• - Review drugs used in the	- 0	n
-	er.		treatment of endocrine		C
			disorders.		
	ď	Decesile a the	Nursing management of	Lecture	
	C.C.	Describe the	patients with	Discussion	
	cale	etiology	immunologic disorders.	Demonstr)
	-4	path <mark>ophysiolog</mark>	• -Diagnostic measures and	ation	_
		у,	related nursing care	observatio	Essay
		clinical	• - Etiology, pathophysiology,	n visit	
		manifestations	symptomatology, medical	supervised	Short -
134		diagnostic	and nursing management of	clinical	answers
IX	5	measures	patients with :	practice	N.
		and	-Primary immuno	Drug book	Very
		management of	deficiency, Secondary	Presentati	short
		patients with	immunodeficiency,	ons	answers
		immunologic	-Graft versus host disease,	Lab	
		disorders.	Acquired immunodeficiency	practice	
			syndrome	Health	
			-Role of nurse in counseling	education	

	1	T		<u> </u>	T .
			and health education,		
			Rehabilitation of patients		
			with HIV/AIDS		
			-National and international		
			• agencies in AIDS control,		
			• - National AIDS Control		
		- 1	Programme.		
		Or and	• -Auto immune disorders -		
		. 6	SLE, Gout	9	
	-	-3	• - Review drugs used in the	100	
	40		treatment of immune	-5-	
	3		disorders.		
			Nursing management of	-	
	er.	Describe the	patients with integumentary	Lecture	0
	-1	etiology	disorders and Sexually	Discussion	
	ď,	pathophysiolog	Transmitted Diseases	Demonstr	
	oí-	y,	• - Review of anatomy and	ation	
	133	clinical	physiology of integumentary	observatio	
	10	manifestations	system.	n visit	Essay
	10	diagnostic	• - Nursing assessment -	supervised	Classit
V	N.F. F	measures	history and physical	clinical	Short -
X	NF-5	and	examination.	practice	answers
	FF -	management of	• - Diagnostic measures and	Drug book	Very
	EF 5	patients with	related nurses role - VDRL,	Presentati	short
		integumentary	ELIZA, Skin biopsy, skin	ons	Answers
		disorders and	smear	Lab	
		Sexually	• - Etiology, pathophysiology,	practice	
		Transmitted	clinical manifestations,	Health	
		Disorders	diagnosis, medical and	education	
			nursing management of		
<u> </u>					



			nationals (1)		
			patients with :		
			- bacterial, viral and fungal		
			infections:		
			Eczema/dermatitis,		
			Dermatoses : infectious &		
			non infectious, Psoriasis,		
		- 1	Acne vulgaris, skin cancers,		
		0.2	Alopecia, ,Pemphigus,		
		. C.	- Sexually transmitted	9	
	-	4	diseases-	100	
	4		Nursing management of	5	
	25		patients with communicable		
			diseases.	Lastura	n
	ď.	5 11 11	• -Overview of infectious	Lecture	0
	al .	Describe the	agent, infection process	Discussion	
	ed)	etiology	• -Epidemiology, clinical	Demonstr	111
	100	pathophysiolog	manifestations, diagnosis,	ation	200
	1.1	у,	prevention, medical and	observatio	Essay
	1	clini <mark>cal</mark>	nursing management of	n visit	
	- 70	manife <mark>stations</mark>	patients with:	supervised	Short -
ΧI	10	diagnostic	• -Cholera, Tetanus, Gas	clinical	answers
		measures	Gangrene	practice	
		and	Plague, Typhoid, Leprosy	Drug book	Very
		management of	-Diarrhoeal disorders,	Presentati	short
		patients with	Hepatitis, Herpes,	ons	Answers
		communicable	Chickenpox, Mumps,	Lab	
		diseases	Measles, Rubella, Influenza,	practice	
			Poliomyelitis, Yellow fever,	Health	
			Dengue Fever, Rabies,	education	
			Japanese encephalitis,		
			Chikun gunya, Small pox.		

			-Malaria, Filaria,		
			Helminthiasis,		
			Amoebic dysentery,		
			Leptospirosis, worm		
			infestation		
			• - Review barrier nursing,		
			- Review special infection		
		as.	control measures:		
		.6.	Notification, Quarantine,	9	
	-	4	Isolation.	100	
	-20		Nursing management of	Lecture	
	25		patients with medical	Discussion	
		Describe	emergenci <mark>es.</mark>	Demonstr	Essay
	000	medical &	• Poisoning,	ation	0
	J.	nursing	• snake bite,	Drug book	Short -
XII	5	management of	 allergy and hypersensitivity 	Presentati Presentati	answers
	eri'	patients with	reactions	ons	Very
	1.1	me <mark>dical</mark>	/ _ /	Lab	short
	1	eme <mark>rgencies</mark>		practice	Answers
	- 70			Health	
				education	
		3354	and other		
			MANU WINNE		

- Smeltzer, S., Bare, B. G., Hinkle, J.L., Cheever, K. H. Brunner & Suddarth's Text
 Book of Medical Surgical Nursing. New Delhi: Wolters Kluwer.
- Boon, N. A., Colledge, N. R., Et al. Davidson's Principles& Practice of Medicine.
 Noida: Elsevier.
- Krishnadas K. V. Text Book of Medicine. New Delhi: Elsevier.
- Dwidedi P. Communicable Diseases. Nagpur: Ananthaprakasan.
- Pavithran K. Dermato_Venero Leprology
- Thappa, D. M. Essentials in Dermatology. New Delhi: Jay Pee.

- Hickey, J. V.Clinical Practice of Neurological and Neurosurgical Nursing.
 Philadelphia: Lippincott.
- Woods, S. L. Cardiac Nursing. Philadelphia: Lippincott.
- Marton, P. G., Fontane, D. K., Et al. Critical Care Nursing. Philadelphia: Lippincott.
- Felbman N., Et al. Gastroenterological and Liver Diseases. Philadelphia: Elsevier.
- Thomas, N. Renal Nursing. Philadelphia: Elsevier.
- National & International Journals on Nursing.

MEDICAL NURSING - PRACTICAL

Practical: 440 Hrs (11 Wks)

Area	Duration (in weeks)	Objectives	Skills	Assignments	Assess ment methods
General Medical Ward (respirat ory, gastroen terology, renal, hematol ogy, neurolog	6 (1 week night duty)	Provide nursing care to clients with medical disorders -Counsel and educate patients and families	Assessment of the patient -Taking history -Perform physical examination -Identify alteration and deviations -Practice medical and surgical asepsis and standard safety measures -Administer medications	-Plan and provide care to 3-4 assigned patients -Nursing care plan -2 -Nursing care study and presentation -1 -Drug book -Drug	-Assess performa nce with rating scaleAssess skill with check list - Evaluation of care study, presentati
у,			oral, IV,IM,	presentation	on
endocrin			subcutaneous and	-Clinical	-
e)			intradermal	presentation	Completio
			-IV therapy		n of
			-IV cannulation		activity



-maintenance and monitoring I/O Chartoxygen therapy by different methods -Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures -Assist in common
-oxygen therapy by different methods -Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures
different methods -Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures
-Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures
-Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures
-Nasogastric feeding -Assist in common diagnostic procedures
-Assist in common diagnostic procedures
diagnostic procedures
-Assist in common
7 Constant Common
therapeutic
procedures
-Blood and component
therapy
-Throat suctioning
-Collect specimens for
common
investigations
-Maintain elimination
- bladder
catheterization
-Bowel wash -enema
-maintain continuous
bladder drainage
-Teaching related to
specific disease
conditions and
procedures



		-Provide	-Physical examination	-Plan and	Assess
		nursing	of cardiovascular	provide care	performa
		care to	system	to 3-4	nce with
		clients with	-recording ECG	assigned	rating
		cardiac	-Assisting in diagnostic	patients	scale.
		medical	and therapeutic	-Nursing care	-Assess
		disorders	procedures-	plan -1	skill with
		-Counsel	-Administer cardiac	ė-	check list
Cardiolo	1	and	drugs	-Drug book	Evaluation
gy Ward	-4	educate	- cardiopulmonary	-Drug	of case
		patients	resuscitation	presentation	study,
		and	-Teach patients and	-Teaching	presentati
		families	families	patients and	on
400			-Practice medical and	families	Completio
			surgical asepsis and		n of
40			standard safety		activity
66			measures	11	record
-		-Identify	-Assessment of	-Plan and	Assess
		common skin	patients with skin	provide care	performa nce with
		problems	disorders and	to 3-4	rating
		and communica	communicable	assigned	scale. -Assess
Dermato		ble	diseases	patients	skill with
logy and		diseases -Provide	-practice barrier	-Health talk	check list Evaluation
Commun	2	nursing	nursing and isolation	- Drug book	of case
icable	2	care to clients with	techniques – Assist in	-Case	presentati on , health
disease		skin	diagnostic /	presentation	talk
ward		disorders and	therapeutic		Completio n of
		communica	procedures		activity
		ble diseases			record
		-Counsel			
		and educate			

		patients and families				
		Provide		-Emergency	Report of	Assess
		emergen	су	assessment of patients	activities	performa nce with
Casualty		care	to	with medical		rating
·		patients		emergencies		scale. -Assess
emergen	4	with	٩	-Assist in diagnostic		skill with
СУ	1	various		and	Ġ:	check list Evaluation
Departm	. 6.	medical		therapeutic	4	of reports
ent		emergen	ıci	procedures-	* A	Completio n of
- 4		es		- Counsel and educate	-5	activity
- 3				patients and families		record
		Provide		-Assessment of	- Provide	Assess
400		care	to	seriously ill patients	care to 1-2	performa nce with
		patients		- Monitor the patients	assigned	rating
-41	- 4	with criti	ical	conditions with	patients	scale. -Assess
0%		medical		continuous monitoring	-Nursing	skill with
Medical		illnesses		equipments	care plan-1	check list Evaluation
ICU	1			- Assist with diagnostic	-Drug book	of care
100				and therapeutic	69	plan Completio
				procedures		n of
	3	nd :	41	- Technical skill in using	er -	activity record
		1		various equipments		
	/			- Use flow sheets for	1	
_				recording		

Clinical Assignments

- 1) Nursing Care Plan (4)
- 3) Clinical presentation-1
- 5) Health talk-1
- 7) Drug File

- 2) Nursing Care Study 1
- 4) Drug Presentation 1
- 6) Practical Record
- 8) Log Book



PATHOLOGY

Placement: II Year

Total 30 hours (Theory-20 hours; Lab-10 hours)

Course Description:

This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in the practice of nursing.

	Tin	ne	- A	77 07	Teaching	Assess
Unit	(Hı		Objectives	Content	learning	ment
	Th	Pr	6		activities	methods
		-3.	~	• Introduction	14	
				 Importance of the study 	-	
	4			of pathology	- 5-	
	3		- Define the	 Definition of 		10
			common	terms		
- 10			terms	Methods and		
	4		used in	techniques		177
-60	Ĭ.		pathology	Cellular and	- Lecture	700
	1		- Appreciate	Tissue changes	7	-
	ųλ		the	 Infiltration and 	- 1	Short
	3		deviations	regeneration	Discussio	answers
•	3		from	 Inflammations and 	n	
			normal to	Infections	- Explain	Objective
			abnormal	Wound healing	using	Туре
			structure	Vascular changes	Charts	
		/_	and	 - Cellular growth, 	- N	
			functions of	Neoplasms		
			the body	Normal and Cancer		
			system.	cell		
				Benign and Malignant		
				growths		
				In situ carcinoma		



			- Disturbances of fluid and electrolyte		
			• imbalance.		
			Special pathology		
			Pathological changes in		
			disease conditions of various		
		- A	systems:	- Lecture	
		, Q. "	Respiratory tract	Discussio	
		6	- Tuberculosis, Bronchitis.	n	
-			- Pleural effusion and	- Explain	
-0.70			pneumonia	using	
- 5			- Lung abscess, emphysema,	charts,	100
		Explain	bronchiectasis	slides	
-01		Pathological	- Bron <mark>chial asth</mark> ma, Chronic	specimen	0.2
		changes in	obstructive Pulmonary		Short
-0.5		disease	disease & tumours.	X-rays	answers
II 10	5	conditions	Cardio-vascular system	and	
450		of	- Pericardial effusion	Scans	Objective
- 4		various	- Rheumatic heart disease	Co.	type
		systems	- Infective endocarditis	- Visit to	
			atherosclerosis	Patholog	
		सर्व	- Ischemia, infarction &	У	
			aneurysm Gastro Intestinal Tract	lab,	
				endoscop	
			- Peptic ulcer, typhoid	У	
			- Carcinoma of GI tract, buccal, Esophageal, Gastric	unit and	
			& intestinal	ОТ	
			Liver, Gall bladder & pancreas		
			- Hepatitis, Chronic liver,		
			abscess, cirrhosis		

- Tumours of liver, gall bladder and pancreas - Cholecystitis • Male genital system. - Cryptorchidism, testicular atrophy, Prostatic hyperplasia, carcinoma - Penis & prostate. • Female genital system - Fibroids - Carcinoma cervix and Endometrium - Vesicular mole, choriocarcinoma - Ectopic gestation - Ovarian cyst & tumours Breast Cancer • Central Nervous system - Hydrocephalus, Meningitis, encephalitis, - Vascular disorders thrombosis, embolism - Stroke, paraplegia, quadriplegia - Tumours, meningiomas, gliomas. • Metastatic tumour • Skeletal system - Bone healing, osteoporosis osteomyelitis • Arthritis & tumours



				Clinical pathology		
				Various blood and bone		
				marrow tests in assessment		
				and monitoring of disease		
				conditions.		
				- Hemoglobin	- Lecture	
			251	- RBC, White cell & platelet counts	- Discussio	
			Describe	- Bleeding time, clotting time	n	
		-3,	various	and	· 6 ,	
		-	laboratory	prothrombin time	Demonst	Short
	40		tests	- Blood grouping and cross	ration	answers
			in	matching	- Visits to	
Ш	4	3	assessment	- Blood chemistry	Clinical	Objective
			and	- Blood culture	patholog	type
			monitoring	- Serological and	y &	П
			of disease	immunological tests	Bio-	25
			conditions.	- Other blood tests	chemistr	
			conditions.	- Examination of Bone	У	
				marrow	lab and	
				- Methods of collection of	Blood	
				blood specimen for various	bank	
			सर्व	H U 40 - 21 21 0		
		_		clinical pathology,		
		4_		biochemistry, microbiology	_ \	
				tests, inference and normal		
			Describe	values.	Lastina	Chart
			Describe	Examination of body cavity	- Lecture	-Short
	•		the	fluids, transudates and	Discussio	answers
IV	2	1	laboratory	exudates.	n	Ohioatiaa
			tests	The laboratory tests used in	-	Objective
			for	CSF analysis	Demonst	type

			avansingties	a Franciscotico of allegelend	matia	
			examination	Examination of other body	ration	
			of body	cavity fluids, transudates		
			cavity	and exudates - sputum,		
			fluids,	wound discharge etc.		
			transudates	Analysis of gastric and		
			and	duodenal contents		
			exudates	Analysis of semen-sperm		
			0.3	count, motility and		
		- 1	6	morphology and their	9	
				importance in infertility	10	
	4			Methods of collection of CSF	- 5	
	35			and other cavity fluids		
				specimen for various		
-40	ľ			clinical pathology,		
	į.			biochemistry, microbiology		
- 40	Ľ.			tests,		
	Y.			• inference and normal		
	rah.			values.	1	
				Urine and faeces	.79	
				Urine and faeces	69	
				- Physical characteristics		
			Describe the	- Analysis	- Lecture	CI.
				- Culture and sensitivity	Discussio	Short
		/	laboratory	• Faeces	n	answers
v	1	1	tests	- Characteristics	-	
			for	- Stool examination: occult	Demonst	Objective
			examination	blood, ova, parasite and cyst,	ration	type
			of Urine and	reducing substance etc.		
			faeces.	Methods of collection for		
				various tests, inference and		
				normal values.		
<u> </u>	l					

References

- Mohan, H. Text Book of Pathology. New Delhi: Jay Pee.
- Kumar, V., Abbas, A. K., Fausto, N. Robins Cotran . Pathologic Basis of Diseases. Philadelphia: W. B. Saunders .
- Smith, L. Microbiology and Pathology. St. Louis: C. V. Mosby Company.
- Robbins, S. L., Kumar, V. Basic Pathology. Philadelphia: W. B. Saunders .
- Swaminathan ,Pathology for Nurses, New Delhi: Jay Pee

MEDICAL SURGICAL NURSING (ADULT including GERIATRICS) –I SURGICAL NURSING

Placement: II Year Theory - 110hrs

Nursing faculty- 75 hrs + External faculty- 35hrs

Practical: 520 hrs

Course description:

This course is designed to enable the students to recognize the etiology, pathophysiology, clinical manifestations, diagnosis and management of patients with common surgical conditions and provide comprehensive nursing care based on nursing process during the pre operative, intra operative, and post operative period.

Unit	Time (Hrs)	Objectives	Content	Teaching Learning Activities	Eval uation
		-Describe the	Surgery & surgical nursing.	-	
		concepts of	-History & trends in	Lecture	Short
	6	surgical	surgery & surgical nursing.	Discussion	
	NF-4	nursing	• -Wound- types, wound	Demonstra	answers
ı	EF-2	Identify the	healing,.	tion	Very
	(surge	current trends	• -Inflammation, abscess,	Supervised	short
	on)	in surgery and	• -Wound infection, surgical	clinical	answers
		surgical	• dressing.	practice	answers
		nursing	• -Role of nurse in the care		



		Identify the	of patients undergoing		
		role of nurses	surgery–pre operative,		
		in the	intra operative, immediate		
		management	and late post operative		
		of a patient	period.		
		undergoing	• -Haemorrhage, shock		
		surgery.	14 OF L		
		-Describe the	Operating Room Technique		
		organization	Organization and physical	9	
	100	and physical	set up of operation	100	
	20	set up of	theatre, OT design, OT	- 5	
	25	Operation	team, Duties and		
		Theatre,	respon <mark>sibilitie</mark> s	-	P
	er.	-Identify the	of nurse in OT, OT dress		0
		instruments	code, principles of		
	20	and	operation theatre	Lecture	
	CÉ-	eq <mark>uipments</mark>	technique, OT Table,		Short
	NF-15	us <mark>ed for</mark>	Suture materials,	Discussion	answers
	EF-5	common	equipments in	Demonstra	
	(Anae	surgical	OT,Instruments for	tion	Very
	stheti	procedures	common surgical	Supervised	short
	st)	-Describe the	procedures.	clinical	answers
	,	perioperative	 -Positions and draping for 	practice	
		nursing care	common surgical	1	
		- Describe the	procedures, scrubbing,		
		infection	gowning, gloving.		
		control	• -Preparation of instrument		
		measures in	trolley for major & minor		
		the operation	surgeries.		
		theatre	-Maintenance of		
		- Describe the	therapeutic environment		

		care of	in OT.		
		patients	-Monitoring patients		
		undergoing	during surgical procedures.		
		anesthesia	• -Infection control in OT,		
			Standard precautions,		
			disinfection, sterilization,		
			fumigation of OT,		
		0.2.	biomedical waste		
		6.	management in OT,	4,	
	- 1	4	-Prevention of accidents	100	
	400		and hazards in OT	- 5	
	35		• - Anesthesia:		
			-types <mark>of ane</mark> sthesia,	-	
	0		anesthetic agents,		
			methods of		
-	ď.		administration,	<i>,</i>	
	mi-		equipments, stages of		
	dgi		anesthesia,		
	4		-Pre anesthetic check up,	779	
			Premedication,	69	
			management of patients		
		सर्व	before , during & after	-	
			anesthesia.		
	1		-Complications of	1	
			anesthesia.		
	18	Describe the	Nursing management of	Lecture,	Essay
	NF-12	pre and post	patients undergoing		
Ш	EF-	operative	Gastrointestinal surgeries	Discussion,	Short
	6(surg	management	• -Etiology, pathophysiology,		answers
	eon)	of patients	clinical manifestations,	Demonstra	
	-	undergoing	diagnosis, surgical &	tion	Very

	Gastrointestina	nursing management of	Supervised	short
		nursing management of	-	
	l surgeries	patients with disorders of :	clinical	answers
		- Oral cavity:	practice	
		Inflammation, Infection,		
		pre malignant & malignant		
		lesions of oral cavity		
	- 4.5	Oesophagus :		
	0.3	Inflammation,Stricture,		
	. 60	obstruction, bleeding,	9,	
	4	carcinoma of oesophagus	100	
40		• -Stomach &duodenum :	- 5	
25		Pyloric stenosis, tumours,		
	/	bleedi <mark>ng, Car</mark> cinoma		
40)		stomach, hiatus hernia.		
	1	• -Small and large intestine:		
40.		inflammation, infection,		
00.		enteritis, obstruction,		-0
cub.		tumour, perforation.	-	
- 4		Inflammatory bowel	79	
		disease, intestinal	69	
		obstruction, acute		
	2277	abdomen		
		- Hernia,	-	
		• -Appendix: Appendicitis	1	
		-Rectum and Anal canal:		
		Haemorrhoids, Anal		
		fissure, Fistula, Carcinoma		
		rectum, Pilonidal cyst.		
		• -Gall bladder:		
		inflammation, infection,		
		tumours.		

			• -Pancreas: inflammation,		
			cyst, abscess, tumours.		
			Nursing management of		
			patients undergoing renal		
			and genitourinary surgeries		
			• -Etiology, pathophysiology,		
			clinical manifestations,		
		a.5 '	diagnosis, medical, surgical		
		6,	and nursing management	4,	
	-	Describe the	of patients with disorders	Lecture,	
	250	pre & Post	of:	- 45	Essay
	8	operative	• -Kidney: Congenital	Discussion,	
	NF-5	management	anomalies,	- 0	Short
IV	EF-3	of	hydronephrosis, renal	Demonstra	answers
	(urolo	patients	calculi, tumours	tion,	
	gist)	undergoing	• -Ureter, urinary bladder		Very
	ed.	ren <mark>al and</mark>	and urethra:	Supervised	short
		ge <mark>nito urinary</mark>	inflammation, infection,	clinical	answers
	100	sur <mark>geries</mark>	stricture, obstruction,	practice	
	-30		tumours.	69	
			• -Prostate : Benign prostatic		
		7757	hypertrophy, Carcinoma		
		44.4	prostrate,	=	
	,		• -Hydrocoele, epispadias,	_	
			hypospadias, phimosis	_	
		Describe the	Nursing management of	Lecture,	
		pre & post	patients undergoing thoracic	,	Essay
		operative	and vascular surgeries	Discussion,	
V	5	nursing	• Etiology, pathophysiology,		Short
		management	clinical manifestation,	Demonstra	answers
		of patients	diagnosis, medical, surgical	tion,	
			3		



		undergoing	and nursing management		Very
		thoracic &	of patients with:	Supervised	short
		vascular	• - Empyema, lung abscess,	clinical	answers
			_		alisweis
		surgeries	carcinoma lung,	practice	
			pneumothorax, chest		
			injury, surgical		
		- L	emphysema.		
		, 4.	• -Vascular disorders:	-11	
		. %	Thrombo Angitis	7/	
	- 4	-	obliterans, Raynaud's	, 7	
	-20		disease , varicose vein and	5	
	35		• Aneurysms		
			Nursing management of	- 4	
	40,		patients with disorders of		0
			musculoskeletal system		
	el.				
	CÚ-		physiology of		-0
	rg k	De <mark>scribe the</mark>	musculoskeletal System	Lecture,)
	15 NE 40	pre <mark>&Post</mark>	-Assessment of patients	O)	Essay
	NF-10	operative	with musculoskeletal	Discussion,	
	EF-5	management	Disorders.	_	Short
VI	(Orth	of	• -Etiology, pathophysiology,	Demonstra	answers
	opaed	patients with	clinical features,	- tion,	
	ic	musculoskeleta	investigations, medical,	1	Very
	surge	l disorders	surgical and nursing	Supervised	short
	on)		management of patients	clinical	answers
			with:	practice	
			Inflammation and trauma		
			of muscles, ligaments and		
			joints-osteoarthritis,		
			rheumatoid arthritis ,		
			ineumatolu artiillis,		



			osteomyelitis, osteomalacia, osteoporosis, pott's spine,		
		, q. 5 \	paget's disease, bone tumours. • -Subluxation ,Dislocation • - Fracture of bones, • -Prolapsed Inter vertebral		
	1	A.V	disc-Congenital disorders of bones	100	
	S)		Nursing management of patients with miscellaneous surgical conditions	(n O
VII	8 NF-4 EF-4 (Surg eon)	Describe the pre & Post operative management of patients with miscellaneous surgical conditions	 -Review of anatomy – breast, thyroid. -Etiology, pathophysiology clinical manifestations, diagnosis, medical, surgical and nursing management of patients with benign and malignant tumours of: -Breast -Thyroid -Management of patients with Burns, -Poly trauma 	Lecture, Discussion, Demonstration, Supervised clinical practice	Short answers Very short answers
	15 NF 40	Describe the	Nursing management of	Lecture,	Essay
VIII	NF-10 EF-5	etiology, pathophysiolog	patients with disorders of Ear, Nose and Throat.	Discussion,	Short



(EN	Г у,	-Review of anatomy &		answers
surg	e clinical	Physiology of ear, nose &	Demonstra	
on)	manifestations,	throat.	tion,	Very
	diagnosis and	-Assessment and		short
	medical,	diagnostic measures of	Supervised	answers
	surgical and	patients with disorders of	clinical	
	nursing	ear, nose and throat	practice	
	management	• -Etiology, pathophysiology,		
	of patients	clinical manifestations,	9,	
	with disorders	diagnosis, medical, surgical	100	
-67	of ear nose,	& nursing management of	- 5	
- 5	and throat	patients with disorders of :		_
		• -Ear-f <mark>oreign b</mark> odies,		
40,		impacted wax, otitis		C
	1	media, tympanic		200
45.		membrane perforation,		700
0%		Otosclerosis, mastoiditis,		40
Cal.		tumours, Meniere's		0
-	4	disease, labyrinthitis,	779	
		Deafness.	1-9	
		• - Disorders of Nose-		
	सर्व	common cold, sinusitis,	-	
		epistaxis, deviated nasal		
	/	septum, nasal polyps.	_ \	
		• -Disorders of Throat -		
		Pharyngitis, tonsillitis,		
		adenoiditis, peritonsilar		
		abscess, Laryngitis,		
		• -Upper air way		
		obstruction, cancer of		
		larynx.		

			-Communicating with		
			_		
			impaired hearing and mute		
			Instillation of ear drops		
			Nursing management of		
			patients with disorders of the		
			Еуе		
		2.3	-Review of anatomy		
		0.7	&physiology of Eye,		
		, e	-Assessment & diagnostic	7/	
	- 1	5 11 11	measures of patients with	100	
	-20	Describe the	disorders of eye.	- 5	
	35	etiology,	• -Etiology, pathophysiology,		
		pathophysiolog	clinical manifestations,	Lecture,	P
	40)	y, clinical	Medical, surgical and		Essay
	15 ma	manifestations,	nursing management of	Discussion,	
	NF-10	diagnostic	patients with:		Short
IX	EF-5	me <mark>asures,</mark>	• - Stye, Chalazion,	Demonstra	answers
	(opht	m <mark>edical,</mark>	conjun <mark>ctivitis, Trachoma,</mark>	tion,	5
	halmo	surgical and	Dacryocystitis, squint,	779	Very
	logist)	nursing	keratitis, eye injuries,	Supervised	short
		management	glaucoma, cataract,	clinical	answers
		of patients	tumours of the	practice	answers
		with disorders	mani dinam	-	
		of Eye.	• eye, refractive errors,	_	
			retinal detachment,		
			Ocular emergencies,		
			blindness, enucleation.		
			• -Eye banking		
			-Application of eye		
			ointment, Instillation of		
			eye drops.		
L	1	l .	l .	1	l



References

- Smeltzer Suzane , C., Bare Brenda, G., Brunner and Suddarth's Text book of Medical Surgical Nursing, Lippincott Williams & Wilkins.
- Black Joyce M., Luckman and Sorenson's Medical Surgical Nursing, W.B. S aunders,
 Philadelphia.
- Lemone &Burke. Medical Surgical Nursing-Critical Thinking in Client Care. Chennai.
 Pearson Education
- Lewis , Heitkemper, Dirkesen. Medical Surgical Nursin g-Assessment and Management of Clinical Problems, Mosby.
- Phipps etal., Medical Surgical Nursing, Mosby
- Ignatavicius Donna, M. Linda Workman., Medical Surgical Nursing A Nursing process Approach, W.B. Saunders.
- Baily and Love, Short Text book of Surgery, Hodder Arnold, Newyork.
- Das, Text Book of Surgery, Jaypee.
- Town, Sabiston's Text Book of Surgery, Elsivier.
- Agarwal, Text Book of Ophthalmology, Jaypee.
- Ahamed, Essential's of Ophthalmology, Jaypee.
- Orthopaedic Nursing and Rehabilitation, ELBS, Churchill Livingston.
- Ebnezar., Text book of Orthopaedics, Jaypee.
- Dhingra., Diseases of Ear, Nose and Throat, Elsivier.
- Allan William .B. Richard etal., Nursing in Diseases of Eye , Ear, Nose and Throat
 W.B.Saunders.
- Maqbool Mohammad., Maqbool Subail., Text book of Ear, Nose& Throat Diseases,
 Jaypee.
- Dixon, Eileen., Theatre Technique, Bailliere Tindal, London.
- Atknison ., Berry., Kohn's Operating Room Technique, St. Louis.
- Lugmani., Text Book of Orthopaedics, Trauma & Rheumatology, ELSIVIER.
- Hazarika P, Nayak D R and Balakrishnan R.Text Bookof Ear, Nose Throat and Head &
 Neck Surgery CBS Publishers . New Delhi.
- National & International Journals on Nursing.

SURGICAL NURSING -PRACTICAL

Total – 520 hours (13 weeks)

Area	Durati on (in week)	Objectives	Skills	Assign ments	Assessment methods		
	•		-Preoperative	-	-Assess		
		ļ		7	preparation of	Preopera	performance
		20,0	patients, receiving	tive work	using rating		
		Provide pre &	patients after surgery,	up of two	scale		
		post	monitoring of patients	patients,	-Assess skill		
	in a	operative	after surgery, care of	-care	with check list		
-		care to	wounds & drains,	plan - 2	-Evaluation of		
	4	patients	suture <mark>remova</mark> l		care study,		
Surgical		undergoing	-Chest physiotherapy,	-care	care plan ,		
Ward &	(1	Surgeries	-Ambulation and	study-1	presentation		
Burns	week		exercise after surgery,	1	-Completion of		
unit	night		- Care of inter costal	-Night	activity record		
1,1-	duty)	Provide	drainage, -provide	<mark>report</mark>	-OSCE		
		comprehensi	comprehensive care to		775		
		ve care to	patients after surgery,		60		
		patients with	-Management of				
		burns	patients with burns	-7.			
		414 6	- Health education at	-1:			
			the time of discharge				
-			after surgery.				
		Provide	-Haemodynamic	-Plan and	Assess		
		comprehensi	monitoring of patients	provide	performance		
Surgical	1	ve care to	after surgery, monitor	care to 1-	using rating		
ICU	1	patients in	for bleeding and other	2	scale		
		the	complications,	assigned	-Assess skill		
		immediate	maintain fluid	patients	with check list		

	7				1
		post	&electrolyte balance	-Care	-Evaluation of
		operative	after surgery,	plan-1	careplan ,
		period	-Deep breathing &	-Drug	report of
		-Detect &	coughing exercise,	book	special
		manage	-Chest physiotherapy,	-Report	procedures
		complication	-Endotracheal and oral	of special	-Completion of
		s	suctioning.	procedur	activity record
		after surgery	/1	es	
		, ,		4	
	-4	Identify	-Scrubbing, gowning,	Assist as	-Assess
	34	instruments	gloving,	a circulator	performance
		used in	carbolization,	y nurse,	using rating
		common	disinfection,	Assist as a srub	scale
400		surgeries ,	fumigation,	nurse in	-Assess skill
		Participates	-Setting up of	major surgeries	with check list
<1.		in infection	instrument trolley for	-8	-Completion of
05		control	common surgical	minor surgeries	activity record
		practices in	procedures,	-10,	0
Onounti	4	Operation	-Sterilization of	Maintain	45
Operati	4	theatre,	instruments,	Daily	0
on -	4	Sets up	-Positioning and	Report. Prepare	
Theatre		instrument	draping of patients for	check list	
		trolley	various surgeries,	for practicin	
	\mathcal{I}	for common	-Assisting in giving	g surgical	
		surgical	Anesthesia,	asepsis in	_
		procedures	-Assist with major	operatio	
		Assist in	&minor surgeries,	n Theatre.	
		Surgeries,	Practice surgical	meatre.	
		Provide peri	aseptic techniques		
		operative	Handling specimens.		
		Nursing care.			
	<u> </u>				

	•			ı	
			-Assess patients with	-Plan and	-Asses
			musculoskeletal	provide care to	performance
		Provide	disorders, assist- in	assigned	using rating
		comprehensi	application of plaster	patients -Care	scale
		ve	cast, skin traction	plan -1	-Assess skill
Orthop		nursing care	&skeletal traction,	-Report of plaster	with check list
aedic	2	to	- ROM exercises,	cast	-Evaluation of
Ward&	_	patients with	-provide	applicati on,	careplan ,
OP	9	musculo-	comprehensive	traction.	presentation,
	ing.	skeletal	care(pre & post	-case study/	report of
-	100	disorders.	operative) to patients	presentat	special
- 25		3.00.00	with musculoskeletal	ion	procedures
			disorders.		-Completion of
400					activity record
			Assess patients with	-Plan and	-Asses
-41			ENT disorders,	provide	performance
05-	J.			care to	using rating
- 0			Assist with diagnostic	assigned	scale
		Provide	& therapeutic	patients	-Assess skill
FNIT	,,,,,	comprehensi	procedures, instill ear		with check list
ENT	4	ve care to	drops, perform	-	-Evaluation of
wd& OP	1	patients with	tracheostomy care &	Observati	report of
UP		ENT	suctioning,	on report	special
	\mathcal{I}^{-}	disorders.	Provide		procedures
	-		comprehensive care(-Completion of
			pre & post operative)	-Drug file	activity record
			to patients with		
			ENT disorders.		
Opthal		Provide care	Assess patients with	-Plan and	Asses
mology	1	to patients	disorders of eye, assist	provide care to	performance
Ward,		with Eye	diagnostic &	assigned	using rating
L				l	<u> </u>

OP, OT		Disorders	therapeutic	patients	scale
			procedures, instill eye	Observati on	-Assess skill
			drops, apply eye	report-	with check list
			bandage, provide pre	OPD, OT, Eye bank	-Evaluation of
			& post operative care	-Drug file	health talk,
			to patients with eye	-Provide health	report of
		1	disorders, health	educatio	special
		0.51	education	n to	procedures
	- 9		to patients after eye	patients	-Completion of
	1		surgery .	with eye surgery,	activity record
			-	Observati	-5.
			-CO. 10	on	
				report,	4.00
				-Drug file	U.

DETAILS OF PRACTICAL RECORD

Nursing Care study - 1

Pre operative preparation of selected surgical cases - 2

Nursing Care plan - 4

(surgical Ward – 2, surgical ICU – 1, Orthopaedic ward – 1)

Instrument sets: major surgeries assisted - 2

Instrument sets of a minor surgeries assisted - 2

List of surgeries assisted with details of patients:

(Major surgeries -5, Minor surgeries - 5)

PHARMACOLOGY

Placement: II year

Theory – 60 hours.

Course Description:

This course is designed to enable students to acquire understanding of pharmacodynamics, pharmacokinetics, principles of therapeutics and nursing implications.



Unit	Time (hours)	Learning objectives	Content	Teaching learning activities	Assess ment method
ı	A CRALA UNIV	Describe pharmacodyna mics, pharmacokineti cs, classification and the principles of drug administration	Introduction to Pharmacology -Definitions -Sources -Terminology used -Types: Classification • -Pharmacodynamics: Actions: therapeutic, adverse, toxic • -Pharmacokinetics: absorption, distribution, metabolism, interaction, excretion. • - Review: routes and principles of administration of drugs • - Indian Pharmacopoeia: Legal issues • - Rational use of drugs • - Principles of therapeutics.	Lecture Discussio	Short answers Very short answers
		Explain	Chemotherapy		
		chemotherapy	• - Pharmacology of		Essay
		of specific	commonly used	Lecture	_
II	10	infections	antibiotics.		Short
		and infestations	-Pencillin	Discussio	answers
		and	- Cephalosporins	n	
		nurse's	- Aminoglycosides		Very short
		responsibilities	- Macrolide &		answers



	1				
			broad spectrum		
			antibiotics		
			- Sulfonamides		
			- Quinolones		
			- Antiamoebic		
			- Antimalarials		
		2.17	- Anthelmintic		
		0.5,	- Antiscabies agents	-	
		(b) /	- Antiviral &	4	
	100	-	- anti fungal agents	1 1	
	49		- Antitubercular drugs	-	
	3		-Anti leprosy drugs		
		/	-Anticancer drugs		
	40,		• - Immuno suppressants		
	_		• Composition, action,		
	eď.		dosage, route,		
	of-		indications,		-0
	Ly.b		contraindications, drug		
	4		• interactions, side	. 4	'n
			effects, adverse effects,	69	
			toxicity		
		and a	• role of nurse.		
			Pharmacology of		E
	/	Describe	commonly used	\ \	Essay
	-	antiseptics,	antiseptics, disinfectants	Lecture	Chart
		disinfectants,	and insecticides	Lecture	Short
Ш	2	insecticides and	• - Antiseptics	Discussio	answers
		nurse's	• - Disinfectants		Vory chart
		responsibilities	• - insecticides	n	Very short
			• Composition, action,		answers
			dosage, route,		
	j	<u> </u>	132		

			indications,		
			contraindications, drug		
			interactions, side		
			effects, adverse effects,		
			toxicity and role of		
			nurse.		
			Drugs acting on G.I.System		
		a.5 '	• - Pharmacology of	-	
		6°	commonly used -	4	
		7	•Antiemetics,	- C J	
	200		• Emetics		9
	25		 Purgatives 		
		/	• Antacids		00
	400	Describe drugs	• Cholinergic		Essay
		acting on Gastro	Anticholinergics		Ch a d
	e([]	inte <mark>stinal</mark>	Fluid and electrolyte	Lecture	Short
IV	4	sy <mark>stem and</mark>	therapy	Discussio	answers
	cale	nurse's	Anti diarrhoeals	n	Very short
	-6-	res <mark>ponsibilities</mark>	Histamines	" "	answers
		(• Composition, action,	69	answers
			dosage, route,		
		सार्थ ५	indications,		
			contraindications, drug		
	1		Interactions, side	1	
			effects, adverse effects,		
			toxicity and role of		
			nurse.		
		Describe drugs	Drugs used on Respiratory	Lecture	Essay
V	3	used on	System		
		Respiratory	Pharmacology of	Discussio	Short
		system and	commonly used drugs	n	answers

		nurse's	Anti asthmatics		
		responsibilities	Mucolytics		Very short
		responsibilities	Decongestants		answers
			Expectorants		answers
			-		
			Antitussives		
			Bronchodilators		
		1	Broncho constrictors		
		, Q. "	Antihistamines	ad.	
		. **	 Composition, action, 	7	
	140		dosage, route,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			indications,	- 1	5
	- 3		contraindications, drug		
			inter <mark>actions,</mark> side		01
	40)		effects, adverse effects,		C
			toxicity and role of		-
	400		nurse.		m
	CC-		Drugs used on Urinary		
	cale		system		0
	-4		Pharmacology of		ħ
		1	commonly used.	69	
		Describe	Diuretics and		Essay
		Describe	antidiuretics	r	
		drugs used on	 Urinary antiseptics 	Lecture	Short
VI	2	Urinary system	Cholinergic and anti	\	answers
		and nurse's	cholinergics	Discussio	
		responsibilities	Acidifiers and	n	Very short
			alkalanizers		answers
			 Composition, action, 		
			dosage , route,		
			indications,		
			contraindications, drug		

			Interactions, side		
			effects, adverse effects,		
			toxicity and role of		
			nurse.		
		Describe	Miscellaneous Drugs		
		Drugs used in	Drugs used in		
		de-addiction,	de- addiction		Essay
		emergency,	Drugs used in CPR	-	LSSay
		deficiency of	and emergency	4	Chand
		vitamins	Vitamins and minerals	Lecture	Short
VII	4	& minerals,	 Immunosuppressants 		answers
		poisoning,	• Antidotes	Discussio •	
		immunization	• Antivenom	n	Very short
	400	and immuno-	• Vaccines and sera		answers
	1	suppression and			
		nurse's			P
		responsibilities			22
	CI-	Describe drugs	Drugs used on skin and		ė.
	1,335	used on skin &	mucous membranes		h.
	- 5			G ₂	
		mucous	• - Topical applications for		
		membranes	skin, eye, ear, nose and		Essay
		and nurse's	buccal cavity		
		responsibilities	Antipruritics	Lecture	Short
VIII	2		 Composition, action, 	\ \	answers
	_		dosage , route,	Discussio	
			indications,	n	Very short
			contraindications, drug		answers
			interactions, side		
			effects, adverse effects,		
			toxicity and role of		
			nurse.		



	Describe	Drugs acting on Nervous		
	drugs used on	system		
	Nervous system	Basic & Applied		
	and role of	pharmacology of		
	nurse.	commonly used:		
		 Analgesics and 		
	2.5	Anaesthetics		
	6.2	Analgesics		
	6	Non steroidal anti	4/	
	-	inflammatory	100	
-20		(NSAID) drugs	- 1	
- 5		Antipyretics		Essay
	/	Hypnotics and		LSSdy
40,		Sedatives Sedatives	Lecture	Short
	1	 Opioids 	Lecture	answers
IX 10		Non-Opioids	Discussio	diidireis
05		Tranquilizers	n	Very short
4,0		General & local	7	answers
- 4		anesthetics - Gases:	- 2	
	(oxygen, nitrous		
		oxide, carbon-dioxide		
	सर्व ३	Cholinergic and anti-		
		cholinergics:		
		- Muscle relaxants	_ \	
		- Major tranquilizers		
		- Anti-psychotics		
		- Antidepressants		
		- Anticonvulsants		
		- Adrenergics		
		- Noradregenics'		
		- Mood stabilizers		

			- Acetylcholine		
			- Stimulants		
			• Composition, action,		
			dosage,		
			_		
			route,indications,		
			contraindications, drug		
		1	interactions, side		
		, Q. "	effects, adverse	ad.	
		. **	effects,toxicity and role	1	
	140		of nurse.	1	
	-670	Describe	Cardiovascular drugs	17	
	-35	drugs used on	Haematinics		
		Cardiovascular	• Cardiotonics		
	41	system and	Anti anginals		
		nurse's	•Anti-hypertensives &	, ,	
	40	resp <mark>onsibilities</mark>	Vasodilators		
	20		Anti-arrhythmics		Facou
	cale		Plasma expanders		Essay
	-2		•Coagulants &	. I a atoma	Cla a ut
	-	1	anticoagulants	Lecture	Short
х	6		Antiplatelets &	<u>.</u>	answers
		7777 5	thrombolytics	Discussio	
		*****	Hypolipidemics	- n	Very short
	1		 Composition, action, 	1	answers
			dosage,	_	
			route,indications,		
			contraindications, drug		
			interactions, side		
			effects, adverse		
			effects,toxicity and role		
			of nurse.		
			3		



		Describe	Drugs used for hormonal		
		drugs used for	disorders/supplementation		
		hormonal	contraception		
		disorders	and medical termination of		
		and	pregnancy		
		supplementatio	• Insulins & oral		
		n	hypoglycemics		
		contraception	• Thyroid supplements	-	
		and medical	and suppressants	4	
	-	termination	Steroids, Anabolics	- 1 Ju	
	200	of pregnancy	 Uterine stimulants 		
	25	and nurse's	and relaxants		Facou
		responsibilities	 Oral contraceptives 		Essay
	400		•Other estrogen-	Lecture	Short
			progestrone	Lecture	answers
ΧI	6		preparations	Discussio	answers
	05		• Corticotrophine &	n	Very short
	cale		Gonadotropines	7	answers
	-6-		• Adrenaline		diisweis
		(Prostaglandins 	69	
			Calcitonins		
		सार्थ ।	 Calcium salts. 		
			 Calcium regulators 		
	1		 Composition, action, 	\ \	
			dosage, route,		
			indications,		
			contraindications, drug		
			interactions, side		
			effects, adverse effects,		
			toxicity and role of		
			nurse.		

		Demonstrate	Introduction to Drugs used		
		awareness of	in alternative systems of		Ch a wt
		the	medicine:	last sa	Short
XII	6	common drugs	 Ayurveda, 	Lecture	answers
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6	used in	 Homeopathy, 	Discussion	Very short
		alternative	• Unani	Discussion	•
		system of	• Siddha etc.		answers
		medicine		4/	

References

- Sathoskar R.S., Bhandarkar S. D., Ainapure S. S. Pharmaccology & Pharmaco therapeutics. Mumbay: Popular Parakashan Pvt. Ltd.
- Udayakumar, P. Pharmacology For Nurses. New Delhi: Jay Pee.
- Herbert-Ashton, M., Nancy, C. Pharmacology. New Delhi: Jones & Bartlett.
- Sreevastava, M. Fundamental and Applied Pharmacology for Nurses. New Delhi: Jay
 Pee.
- Mckenery & Salerno. Mosby's Pharmacology in Nursing. St. Louis: Elsevier.
- Drug Hand book. Philadelphia: Lippincott Williams and Wilkins
- Tripathi K. D. Essentials of Medical Pharmacology. New Delhi: Jaypee.
- Mc Kenry, L. M. Salerno, E. Mosby's Pharmacology in Nursing. St. Louis: Mosby.



COMMUNITY HEALTH NURSING-I

Placement: II Year Theory - 100 Hours

Practical – 160 Hours

Course description:

This course is designed for students to appreciate the principles of promotion and maintenance of health of the individuals, families and community.

Unit	Time (hours)	Learning Objectives	Content	Teaching learning activity	Assess ment methods
	7/4/2	Describe concept and dimensions of health Apply the levels of prevention in health care Promote healthy life styles	Health: Definition Concept and Determinants of health Dimensions of Health Physical, mental, social and spiritual health Levels of prevention. Protective immunization, cold chain system Personal health and Personal hygiene Menstrual hygiene Health Promotion	Lecture Discussion Charts Participatio n in clinic activities	Essays Short answers
II	25	Identify the environmental	• Environment-	-Lecture Discussion	Essay



	factors	Definition	using	Short
	affecting	Components of	models,	answers
	health	environment	charts and	
		Environmental	slides	Very
		Sanitation- Definition		short
		Environmental Factors:		answers
	. 4	- Water, Air, light,		
	251	ventilation, noise,		
	£. ~	climate,	-Field trip	
-3		- Housing	to water	
5.0		- Global warming	treatment	
-		Disposal of waste,	plant,	
		disposal of excreta and	sewage	UP
40		disposal of dead bodies	treatment	0
	Explain the	Acts regulating the	plant and	-
-4	importance of	environmental	milk	m
	food hygiene	sanitation -National	pasteurizin	25
Ul-	and its impact	pollution control board.	g plant,	5
130	on health	Arthropods and	hotel /	
3-	1	Rodents:	restaurant	
	-	- Mosquito, Houseflies,	etc	
	mark to	lice and other vectors		
	4444 +	• Food hygiene:		
		production,		
_		preservation, purchase,	_	
		preparation,		
		consumption,		
		Food poisoning		
		-Acts regulating food		
		hygiene, Prevention of		
		food adulteration.		
		rood additeration.		

			PRIMARY HEALTH CARE		
			- Definition, and		
			characteristics		
			- Elements		
			- Principles		
		Describe	• Health For All	Lecture	_
		concepts,	• Millennium	discussion	Essay
	- 1	principles and	Development Goals	A. Sand	Ch - u
III	5	elements of	 Sustainable 	Supervised	Short
	49	primary health	development Goals	field	answers
	5	care	• Functions of	practice	
			<mark>Sub Cen</mark> tre		TL.
40			<mark>Primary H</mark> ealth		0
			Centre		190
40			Community Health		700
	<u>(</u>		Centre		
	rgi)		EPIDEMIOLOGY		7
	4		• Definition, concept,	Locturo	
		(aims, scope, uses	Lecture discussion	Essay
		Describe	Dynamics of disease	uiscussion	
		concept,	transmission	Explain	Short
		scope, uses	Epidemiological triad	using	answers
IV	10	methods and	Measurements in	Charts,	
		approaches of	Epidemiology:	graphs	Very
		epidemiology	Morbidity and mortality	Models	short
			measurements	and slides	answers
			 Health indicators 	Project	
			Methods of	•	
			epidemiology:		



Descriptive, Analytical, experimental Epidemic investigation EPIDEMIOLOGY AND NURSING MANAGEMENT OF COMMON COMMUNICABLE Epidemiology and nursing management of common Common Communicabl e diseases Pox, Communicabl e diseases ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, Lecture Giscussion Answers
Epidemic investigation EPIDEMIOLOGY AND NURSING MANAGEMENT OF COMMON COMMUNICABLE Epidemiology and nursing management of common Communicabl e diseases
EPIDEMIOLOGY AND NURSING MANAGEMENT OF COMMON Describe Epidemiology and nursing management of common Pox, Communicabl e diseases Rubella, ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, EPIDEMIOLOGY AND NURSING MANAGEMENT OF COMMON COMMUNICABLE DISEASES Respiratory infections: - Small Pox, Chicken Pox, - Measles, Influenza, Essay Lecture discussion answers
NURSING MANAGEMENT OF COMMON Describe Epidemiology and nursing management of common Communicabl e diseases NURSING MANAGEMENT OF COMMON COMMUNICABLE DISEASES • Respiratory infections: - Small Pox, Chicken Pox, - Measles, Influenza, Rubella, - ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, Whooping cough, NURSING MANAGEMENT Lecture Short discussion answers
OF COMMON Describe Epidemiology and nursing management of common Communicabl e diseases OF COMMUNICABLE DISEASES • Respiratory infections: - Small Pox, Chicken Pox, - Measles, Influenza, Rubella, - ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, Whooping cough,
Describe Epidemiology and nursing management of common Communicabl e diseases DISEASES Respiratory infections: - Small Pox, Chicken Pox, - Measles, Influenza, Rubella, - ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, Lecture discussion answers
Epidemiology and nursing management of common Communicabl e diseases Epidemiology and nursing management of common Pox, - Measles, Influenza, Rubella, - ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, Mission Essay Lecture discussion Short answers
and nursing management of common Communicabl e diseases - Respiratory infections: - Small Pox, Chicken Pox, - Measles, Influenza, Rubella, - ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, Whooping cough,
management of common Pox, Communicabl e diseases Rubella, ARI & Pneumonia, Mumps, Diphtheria, Whooping cough, Whooping cough, Management Pox, Small Pox, Chicken Pox, Lecture Short All S
of common Communicabl e diseases Rubella, ARI & Pneumonia, Mumps, Diphtheria, Whooping cough, Whooping cough, Pox, - Measles, Influenza, Essay Essay Lecture discussion answers
Communicabl e diseases Rubella, ARI & Pneumonia, Mumps, Diphtheria, Whooping cough, Measles, Influenza, Essay Lecture discussion answers
e diseases Rubella, ARI & Pneumonia, Mumps, Diphtheria, Whooping cough, Essay Lecture discussion answers
- ARI & Pneumonia, Mumps, - Diphtheria, Whooping cough, Essay Essay ARI & Pneumonia, Mumps, - Diphtheria, discussion answers
Mumps, - Diphtheria, Whooping cough, Whooping cough,
- Diphtheria, discussion answers Whooping cough,
Whooping cough, discussion answers
V 25
- Meningococcal
Supervised Very meningitis,
- Tuberculosis, SARS, field short
Swine flue practice in answers
• Intestinal Infections :
- Poliomyelitis, Viral
Hepatitis, Project
- Cholera,
Diarrhoeal
diseases,
- Typhoid Fever,
Amoebiasis,
- Hook worm
infection,

Ascariasis,	
Dracunculiasis.	
Arthropod infections :	
- Dengue, Malaria,	
Filariasis,	
- Chikungunya	
• Zoonoses:	
• Viral-	
- Rabies, Yellow	7,
fever,	` >
- Japanese	- 5
encephalitis,	
Kyasnur Forest	Ü,
Disease.	0
Bacterial –	-
- Brucellosis, Plague,	ITT
Human	-
Salmonellosis,	- 0
Anthrax, Leptospirosis	(0)
Rickettsial diseases-	60
Rickettsial Zoonoses,	
Scrub typhus, Murine	1:
typhus, Tick typhus,	
• Q fever.	
Parasitic zoonoses –	
Taeniasis, Hydatid	
disease,	
• Leishmaniasis.	
Surface infection:	
Trachoma,	
Truchoma,	



			• Totanus Langes: CTD		
			• Tetanus, Leprosy, STD		
			& RTI,		
			• Yaws,		
			 Management of 		
			persons with HIV/AIDS		
			 -Emerging and Re 		
		- 17	emerging infectious		
		0.2	diseases		
	-	0	EPIDEMIOLOGY AND	4,	
			NURSING MANAGEMENT	100	
	200		OF NON-COMMUNICABLE		
	5		DISEASES		
		/	Nutritional problems:		U ⁿ
40	ľ		Malnutrition, under		0
			nutrition, over	Lecture	
40	Ċ.	Describe the	nutrition, nutritional	Discussion	Essay
	V	epidemiology	deficiencies, Anaemia		20
		and nursing	and Obesity		Short
VI	10	management	Hypertension	Supervised	answers
		of common	• Stroke	field	
		non-	Rheumatic Heart	practice in	Very
		Communicabl	Disease	health	short
		e diseases	Coronary Heart Disease	centers	answers
			• Cancer		
			Diabetes mellitus		
			Blindness		
			Accidents		
			Mental illness		
			• Fluorosis		
		Describe the	DEMOGRAPHY		
VII	6	concepts and	DEMIOGRAFIII	Lecture	



		scope of	• Definition	Discussion	Essay
		demography -Describe	Demographic Cycle	Surveys	
		methods of	• Census	Project	Short
		data collection,	Demographic trends in		answers
		analysis and	India		
		interpretation of	 Demographic rates and 		
		demographic	ratios		
		data	Demographic and		
	- 1	6	reproductive indicators	9,	
			POPULATION CONTROL	-	
	20		• Population explosion	5	
	5		and its impact on social		
			and <mark>econom</mark> ic	-Lecture	J.
40			development	discussion	Essay
			• Promotion of small	using	Cla a ut
- 43		Describe	family norm-Family	charts,	Short
VIII	É.,	methods of	Planning	models	answers
VIII	لن	population	• Methods of	and slides	Very
	4	control	contraception:	- / 77	short
		(Temporary and	Supervised	0.000.40
			Permanent family	field	answers
		सर्व ५	planning methods	practice	
			• Emergency		
	/		contraception	1	
			• MTP		
		Identify the	INFORMATION,	-Lecture	Essay
		various	EDUCATION AND	discussion	
IX	7	aspects of	COMMUNICATION (IEC)	using	Short
		health	- Definition	different	answers
		education and	- Aims & objectives	types of AV	



apply in the	Health Education-	aids	
community	Principles & approaches	health talks	
health nursing	• AV aids in Health	Demonstra	
practice	Education	tion	
	• Methods& media of IEC	Project	
	• Role of nurse in IEC		

REFERENCE

- Park. K. Text book of Preventive & Social Medicine, M/s Banarsidas Bhanot
 Publishers Jabalpur, Latest edition.
- Suryakantha.H A. Community Medicine-with Recent Advances, Jaypee Brothers Medical Publishers, New Delhi.
- Gupta MC & Mahajan BK. Text Book of Preventive and Social Medicine, Jaypee
 Brothers Medical Publishers, New Delhi.
- Gulani.K.K. Community Health Nursing. Principles & practice. Kumar Publishing
 House, New Delhi.
- Swarankar K. Community Health Nursing, N.R. Brothers, Indore.
- Sridhar Rao. Principles of Community Medicine. AITBS Publishers, New Delhi.
- Neelam Kumari. A Text Book of Community Health Nursing-I, S.Vikas & Company,
 Jalandhar.
- Rao, Kasthuri Sundar, An Introduction to Community Health Nursing, B.I.
 Publications, Madras.
- Community Health Nursing Manual, TNAI Publication, GreenPark, New Delhi. Latest edition
- National & International Journals on Public Health .



COMMUNITY HEALTH NURSING I – Practical

Placement: II Year Duration: 160 Hrs (4 Weeks)

Areas	Duration (in weeks)	Skills	Assignments	Assessment methods
	-	-Maintain	Health talk-1	-Assess
Sub	1 week	interpersonal	-Report of the	clinical
Centre		relationship.	activities of	performance
		-Identify health	SC, PHC, CHC,	with rating
Primary	1 week	deviations of	UHC	scales
Health	100	individuals	-Report of	1.7
Centre	÷	-History taking	the posting to	-Health talk
-)	-Physical examination	(Preventive	-Report of
		-Collect specimens :	clinic , NCD	observation
Commu		sputum, malaria smear	Clinic and	visits
nity	1 week	-Perform simple lab	Family	
Health		tests- blood for	Planning unit)	-Completion
Centre		Haemoglobin, sugar,	Epidemiologic	of activity
	di di	urine for albumin &	al survey-	record
	4	sugar	Report Report of field	(7)
Urban		-Administer vaccines	visits to	69
Health	1 week	and medications to	-Water	
Centre-		adults	purification	7 -
UHC		-Render need based	plant, Sewage	
		services to the clients	treatment plant and Milk	
		-Educate individuals	pasteurizing	
		on prevailing health	plant,Anganw	
		problems	adi , Meat processing	
		-Conduct	unit,	
		epidemiological survey		
		- chlorination of		
		domestic well.		

THIRD YEAR B.SC NURSING

MEDICAL SURGICAL NURSING -II (ADULT including GERIATRICS)-II

Placement: III Year Theory: 110 hours

Nursing faculty: 80 hours External faculty: 30 hours

Practical-400 hours

Course description:

This course is designed to enable the students to recognize the etiology, pathophysiology, symptomatology, diagnostic measures and management of patients with complex medical and surgical conditions in cardiology, cardiothoracic surgery, neurology, neurosurgery, nephrology, urology, oncology, plastic and reconstructive surgery and emergencies and to provide comprehensive nursing care to such patients.

Unit	Time (hrs)	Learning objectives	Content	Teaching learning activities	Assess ment method
			Nursing management of	Lecture	177
1	8	-Describe the organization of critical care unitsDescribe the role of the nurse in managemen t of patients in critical	Nursing management of patients in critical care units Critical care units: organizational set up, policies, staffing norms, principles of critical care nursing protocols, equipments and supplies, ventilators, monitors, infusion pumps, defibrillators, infection control in critical care units.	Lecture Discussion Explain using charts, graphs, models, films, slides,	Essay Short notes Very short notes
		care units.	psychosocial aspects.	а	
			• nursing assessment-	tion	
			history& physical		

			examination in the	Practice	
			critical care units	session	
				56331011	
			Special treatments and		
			procedures-cardiac	Discussion	
			monitoring,	/	
			haemodynamic	seminar	
			monitoring.		
		6.2	• CPCR- BLS, ACLS	Health	
		6.	• transitional care	education	
	100		• crisis intervention and	``>	
	40		stress management.	Supervised -	5
	25		• drugs used in critical care	clinical	
			units.	practice	Qn.
	ľ.		• records		0
	d.		• ethical and legal aspects.	Drug	
- 40	Í.		• communication with	book/	111
	35		patient and family.	presentati	-0
	cale			on	(7)
	4				6
			Nursing management of	Lecture	
			patients with emergencies		
		Describe	and disaster situations	Discussion	
			Disaster nursing:-		Essay
	1	organization of	- concepts , principles of	Explain	
	42		disaster nursing -	using	Short notes
II	12	emergency	Causes and types of	charts,	
		and disaster	disaster :	graphs,	Very short
		care	- Natural and man	models,	notes
		services	made-earthquakes,	films,	
			flood, epidemics,	slides,	
			cyclones, tsunami,		



	fire, explosion,	Demonstr	
	•	Demonstr	
	accidents, violence,	а	
	terrorism,	tion	
	biochemical war.		
	 -Policies related to 	Practice	
	emergency/ disaster	session	
	management:		
0.3	international, national	Discussion	
. 6	and state, institutional.	1	
	• -disaster preparedness :	seminar	
40	team, guidelines,		5
25	protocols, equipments,	Health	
	resources, coordination	education	Qn.
40	and involvement of		0
	community, government	Supervised	
4.	departments,	clinical	111
14.	nongovernmental	practice	-2
esh .	organizations,		0
1	international agencies.	Disaster	77
	• role of the nurse in	managem	
	disaster management.	ent drills	
2377	 legal aspects of disaster 	-7	
	nursing.	Drug	
/	post traumatic stress	book/	
	disorder.	presentati	-
	• rehabilitation: physical,	on	
	psychosocial, financial,		
	relocation.		
	Emergency nursing :-		
	- concepts, principles of		
	emergency nursing.		
	emergency nursing.		

			- issues in emergency		
			care.		
			Organization of		
			emergency services :		
			physical set up, staffing,		
			equipments and supplies,		
			protocols.		
		0.5	- Concepts of triage and	¢.	
		€.	role of the nurse.	4	
			- Coordination and	- 1 × ×	
	20		involvement of		5
	-		different departments		
			and facilities		5
-	Œ.		- Medico legal aspects		C
	J		Nursing care of the elderly	Lecture	
	ď.		Ageing- concepts,		111
	er.	Explain	theories, ageing process	Discussion	-0
	cale	concepts,	Demographics in ageing		0
	-4	theories	Psychosocial aspects,	Explain	75
		and	stress and coping in older	using	Facer
		problems of	adults	charts,	Essay
		ageing.	Cognitive aspects of	graphs,	Charles I.
Ш	12		ageing.	models,	Short notes
	1	Describe	Normal biological ageing.	films,	Vory chart
		the nursing	Age related changes in	slides,	Very short notes
		care of the	body systems, health		notes
		elderly.	promotion strategies.	Practice	
			Common health	session	
			problems and nursing		
			management:	Case	
			cardiovascular,	presentati	
	1	l	<u> </u>	l .	

			respiratory,	on,	
			musculoskeletal,	seminar	
			endocrine, genitourinary,		
			gastrointestinal,	Health	
			neurological, skin & other	education	
			sensory organs.		
			 Psychosocial and sexual 	Supervised	
		0.2	abuse of the elderly.	clinical	
		6,	• Environmental aspects of	practice	
	100		ag <mark>e</mark> ing.	* ×	
	20		• Role of the nurse in the	Drug	5
	25		care of the elderly- home	book/	
			& institutional care.	presentati	5
- 4	ľ.		• Role of the nurse for	on	0
	,i		caregivers of elderly.		-
- 4	ď.		• Role of family, formal and	Visit to old	111
	30		informal caregivers.	age homes	-0
	cale		Use of aides and		0
	4		prosthesis (hearing aids,		75
			dentures)	69	
			 Legal and ethical issues. 		
		mi	Provisions and	er e	
			programmes for the		
			elderly.	1	
			Privileges, community		
			programmes, and health		
			services		
	0	Describe	Nursing management of	Lecture	
11.7	9 NE 6	the nursing	patients with respiratory		Essay
IV	NF 6	managemen	disorders	Discussion	Short notes
	EF 3	t of patients			Very short
	<u> </u>	<u> </u>	152	<u> </u>	

		with	ARDS, Interstitial Lung		notes
		respiratory	Disease, Respiratory		
		disorders	failure		
			 Nursing management of 		
			patients on mechanical		
			ventilator.		
			Nursing management of		
		a.5	patients with diseases of	E:	
		6°	the heart.	7	
	-2		• Medical:	100	
	20		-Acute coronary		5.
	25	Describe	syndrome,		
		the	dysrrhy <mark>thmias,</mark>		O.
-	ď.	etiology,	cardiomyopathies,		0
	25	pathophysio	cardiac arrest		
	NF-15	logy <mark>, clinical</mark>	• Surgical:	Lecture	[1]
	EF-10	manifestati	-Closed and open heart	/ /	Essay
	cali	ons and	surgery,valvotomy, valve	Discussion	Short notes
V	(card-	m <mark>edical,</mark>	replacement, CABG,		Short notes
	5;	surgical and	repair of aneurysm	Demonstr	Very short
	Card	nursing	correction of congenital	ation	notes
	Surg	managemen	defects ,Heart	er:	Hotes
	-5)	t of	transplantation.		
	1	common	-Supportive	1	
		cardiac	therapies:Pacemaker,		
		conditions	IABP, defibrillator,		
			thrombolytic therapy,		
			interventional		
			cardiology,		
			-Pre and post operative		
			management of patients		

			undergoing cardiac		
			surgery		
			-Drugs used		
			-Rehabilitation		
			Nursing management of		
VI	15 NF-10 EF-5	Describe the medical, surgical and nursing managemen t of patients with neurological conditions.	patients with neurological conditions Neuro assessment Medical:Epilepsy Surgical:Head injury, spinal cord injury, IVDP, ICSOL-Brain tumours, cerebral aneurysms Nursing management-cranial and spinal	Lecture Discussion Demonstr ation	Essay Short notes Very short notes
	ď.		surgeries		70
	of ul	Describe the nursing	Nursing management of patients with renal	Lecture Discussion	Essay
VII	NF-4 EF-4	t of patients with renal	 Renal failure CRRT, Dialysis, Renal transplantation 	Demonstr ation	Short notes Very short notes
VII		t of patients	Renal failureCRRT, Dialysis, Renal transplantation	Demonstr ation	Very short
VII		t of patients with renal	Renal failureCRRT, Dialysis, Renal	Demonstr	Very short
VII	EF-4	t of patients with renal disorders	 Renal failure CRRT, Dialysis, Renal transplantation Nursing management of 	Demonstr ation Seminar	Very short
VII		t of patients with renal disorders Describe	 Renal failure CRRT, Dialysis, Renal transplantation Nursing management of patients with oncologic 	Demonstr ation Seminar Lecture	Very short notes
VIII	15	t of patients with renal disorders Describe the nursing	 Renal failure CRRT, Dialysis, Renal transplantation Nursing management of patients with oncologic disorders. 	Demonstr ation Seminar Lecture Discussion	Very short notes
	15 NF-10	t of patients with renal disorders Describe the nursing managemen	 Renal failure CRRT, Dialysis, Renal transplantation Nursing management of patients with oncologic disorders. structure and 	Demonstr ation Seminar Lecture Discussion Slides	Very short notes
	15	t of patients with renal disorders Describe the nursing managemen t of patients	 Renal failure CRRT, Dialysis, Renal transplantation Nursing management of patients with oncologic disorders. structure and characteristics of normal 	Demonstr ation Seminar Lecture Discussion Slides Demonstr	Very short notes
	15 NF-10	t of patients with renal disorders Describe the nursing managemen t of patients with	 Renal failure CRRT, Dialysis, Renal transplantation Nursing management of patients with oncologic disorders. structure and characteristics of normal and cancer cells. 	Demonstr ation Seminar Lecture Discussion Slides Demonstr	Very short notes Essay Short notes
	15 NF-10	t of patients with renal disorders Describe the nursing managemen t of patients with oncologic	 Renal failure CRRT, Dialysis, Renal transplantation Nursing management of patients with oncologic disorders. structure and characteristics of normal and cancer cells. -cell cycle 	Demonstr ation Seminar Lecture Discussion Slides Demonstr ation	Very short notes Essay Short notes Very short

	T			
		examination		
		 prevention, screening, 		
		early detection, warning		
		signs of cancer	Health	
		 epidemiology, etiology, 	education	
		pathophysiology,	Supervised	
	2.1	classification, staging and	clinical	
	0.2	grading, clinical	practice	
	€.	manifestations,	4	
		diagnosis, treatment	Drug book	
20		modalities and medical,	presentati -	5
25		surgical & nursing	on	
		management of		5
400		oncologi <mark>c condit</mark> ions:	Visit to	0
		-Oral, larynx, lung,	palliative	
40,		stomach, colon, liver,	care	11
25		breast, cervix, ovary,	centre,	20
cole		uterus, sarcoma, brain,	Hospice	Ċ
- 4		renal, bladder, prostate.		79
		Oncological emergencies	69	
		Modalities of treatment:		
	mi	Chemotherapy, radiation	er.	
		therapy, immunotherapy,		
/		surgical interventions,		
-		stem cell and bone		inc.
		marrow transplantation,		
		gene therapy, other		
		forms of treatment.		
		Psychosocial aspects of		
		cancer		
		Rehabilitation		

		Palliative care : symptom		
		and pain management,		
		nutritional support		
		Home care, hospice care,		
		special therapies		
		Reconstructive and		
		cosmetic surgeries.		
	0.2	Nursing management of	Ė.,	
	6.	patients with plastic,	Lecture	
	Describe	reconstructive and	Discussion	
40	the nursing	cosmetic surgeries	Slides	5
- 5	managemen	• Types of reconstructive	Demonstr	Essay
6	t of patients	and cosmetic surgery for	ation	Chart notes
IX NF-3	with plastic,	: traumatic injuries,		Short notes
EF-3	reconstructi	burns, congenital defects,	Practice	Varychart
41.	ve <mark>and</mark>	• Skin grafts	session	Very short
100	c <mark>osmetic</mark>	• cosmetic surgeries-	/ /	notes
4,00	surgeries	prosthesis	Health	0
4		Nursing management-	education	75
		pre &post operative care	60	P
		• Legal aspects		
	सर्व	Rehabilitation	= :	

References:

- Smeltzer, S., Bare, B. G., Hinkle, J.L., Cheever, K. H. Brunner & Suddarth's Text Book of Medical Surgical Nursing New Delhi: Wolters Kluwer
- Black and Mattassarin Jacobs, Luckmann and Sorrensen's Medical Surgical Nursing:
 Philadelphia.W.B.Saunders
- Lemone Pricilla and Burke Karen M. Medical Surgical Nursing: California. Addison
 Wesley
- Krishnadas K V. Textbook of Medicine; NewDelhi , Jaypee Brothers



- Haslet, Chilvers, Hunter and Boon. Davidson's Principles and Practice of Medicine:
 Edinburgh. Churchil Lingstone
- Miaskewski and Buchoel. Oncology Nursing-Assessment and Clinical Care:
 St.Louis. Mosby
- Otto Shirlay. Oncology Nursing: St. Louis. Mosby
- Hicky Joanne V. The Clinical practice of Neurological and Neurosurgical Nursing:
 Philadelphia. Lippincott
- Woods Sivarajan, Frolikher . Cardiac Nursing: Philadelphia, Lippincott
- Daver Antina and Furnas. Hand book of Plastic Surgery: Bombay. Oxford university
 Press
- Patricia Tabloski . Gerontological Nursing: Pearson Prentice Hall
- Joanne C Langan Preparing Nurses for Disaster Management: Pearson-Prentice Hall.
- National & International Journals on Critical Care Nursing.

MEDICAL SURGICAL NURSING (ADULT AND GERIATRICS) II-PRACTICAL

Placement: III Year Duration: 400 hours(10 Weeks)

Area	Dura tion (week s)	Objectives of posting	Skills to be developed	Assign ments	Assess ment method
		7	-Monitoring of	-Provide	-Assess each
		सर्व भ	patients in the ICU	care to	skill with
			-Maintain flow sheet	assigned	checklist
Critical			- Care of patient on	patients	-Assess
care unit		Provide care	ventilators	Care	performanc
(General	2	to critically	-Perform	plan/case	e with
MICU		ill patients	endotracheal suction	presentatio	rating scale
SICU)			-Demonstrate use of	n /care	-Evaluation
			ventilators, cardiac	study	of
			monitors etc.	-Drug book	observation
			-Collect blood for ABG		report

			analysis &		
			interpret result		-Completion
			-Assist with arterial		of activity
			puncture		record
			-Maintain CVP line,		-OSCE
			Pulse oximetry		
		T	-CPR-ACLS -		
		a.5 '	Defibrillators,	8	
	. 6	`	Pacemakers,	7	
	-4		-Bag-mask ventilation	()	
42			-Emergency		
			tray/trolley,		
			Crash cart		
40			-Admi <mark>nistratio</mark> n of		
			drugs		
400			-Infusion pump	1 1	
0%			-TPN	/ /	
100			-Chest physiotherapy,		
	6		active and passive		0)
		- (exercises	60	
		7	-Counsel patient and		
		मार्थ भ	family in dealing with	-	
			grieving and		
	/		bereavement		
		-Provide	-Practice "triage".	Observatio	-Assess
		care to	-Assist with	n report of	performanc
Casualty		patients in	assessment,	emergency	e with
/Emerge	1	emergency	examination,	unit	rating scale
ncy unit		and disaster	investigations and		-Evaluation
		situation	their interpretations	Drug book	of
			in emergency and		observation

		-Counsel	disaster situations		report
		patients and	-Assist in		-Completion
		families for	documentations		of activity
		grief and	-Assist in legal		record
		bereavemen	procedures in the		
		t	emergency unit.		
		1	-Participate in		
		a. 5 '	managing crowd	E.	
	. %	1	-Counsel patient and	4	
	-4		families in grief and	()	
- 2			bereavement		5
- 3		-Provide	-Monitoring and care	Observatio	-Assess
		care to	of pati <mark>ents</mark>	n report	performanc
40		patients	-Assist in		e with
Dialysis		undergoing	documentation,	Drug book	rating scale
unit &	1	haemodialys	patient education,		-Evaluation
Transpla		is/	and counseling	///	of
nt unit		peritoneal			observation
	L.	dialysis and		7	report
		renal		6	-Completion
		transplantati			of activity
		on	mer minn	100	record
Coronar		-Provide	-Assist in arterial	-Provide	-
y ICU,	/	care to	puncture for ABG	care to	Observation
Cath		critically ill	analysis	assigned	of
Lab,		patients.	-Interpret ABG values	patients	performanc
	,	-Develop	-Record ECG-interpret	-Arterial	e
Cardiac	2	skill in	values	puncture-	-Evaluation
OT,		assisting	-Care of patient on	-Recording	of report
Card		with special	mechanical ventilator	of ECG-	-Completion
surg		procedures	-Assist in endotracheal	-Tracheal	of activity

ICU,		used in	intubation,	suctioning-	record
WARD		critical	endotracheal	-	
		care unit.	suctioning	Administra	
		-Identify	-Demonstrate the use	tion-CPAP	
		potential	of-ventilators	- Care plan	
		problems	cardiac monitors,	/ case	
		and	hemodynamic	presentatio	
		provide care	monitoring, pulse	n, care	
	. 40	accordingly.	oximetry, CPR-ACLS,	study	
	-4	-Develop	defibrillators,	-Drug	
- 2		skill in	pacemakers, bag-	record	5
- 35		setting and	mask ventilation,		
		handling	infusi <mark>on pum</mark> ps,		O,
400		ventilator.	TPN		0
		-Administer	-Chest physiotherapy,		
400		Injections in	active and passive	/	177
-20		Infusion	exercise	/ /	-0
cale		pump.	-Assist with		0
	L	-Maintain	interventional		O)
		records of	cardiology	65	ŀ
		observations			
		and drugs	वन्त सांख	-1	
		-Develop	-Assess neurological	-Provide	Assessment
	/	skill in	status	care to	of
Neurosu		neurological	-Provide care to	assigned	performanc
rgical		assessment	patients with head	patients	е
ICU &	1	-Provide	injury and spinal	-Neuro	
ОТ		care to	injury	assessment	Completion
		patients with	-Pre and post	:-head	of activity
		head injury,	operative care to	injury,	record
		spinal injury,	neurosurgical patients	spinal	

		cranial &	Assist with surgical	inium, pro	
			-Assist with surgical	injury- pre	
		spinal	procedures	op & post	
		surgery		ор.	
				-	
				Careplan/c	
			_	ase	
		T	Y OF L	presentatio	
		a. 5 '	17	n/carestud	
	- 6			у	
	-4		0.00	-Drug file	
- 5			-Nursing care of	-Provide	Assess skill
-			patients undergoing	care to	with
			various reconstructive	assigned	checklist
District			surgeries.	patients	Assess
Plastic	1	Dec 14	- participate in	-Nursing	performanc
and		-Provide	rehabilitation	care plan	e with
reconstr		care to	programme	-/ /	rating scale
uctive		patients		Observatio	Evaluation
surgery		undergoing		n report of	of care plan
		reconstructiv		burns unit	Observation
		e surgeries			report
		wards our			Completion
		मय म	યન્ય સ્વાસા	41:	of activity
	_				record
		-Provide	-Screening for	-Provide	-Assess skill
		care to	common cancers:	care to	with
0.55		patients with	breast self	assigned	checklist
Oncolog	2	cancer	examination, warning	patients	
y unit		-Counsel	signs	-	Assess
		patients and	-Assist with	Careplan/c	performanc
		families	diagnostic procedures	ase	ewith rating

		<u> </u>
	: biopsies, pap smear,	presentatio scale
	bone marrow	n/carestud
	aspiration, breast self	y Evaluation
	examination	-Drug book of care plan,
	-Assist with	- drug book
	therapeutic	Observatio and
217	procedures	n report of Observation
o. 5	-Participate in various	cancer unit report
. 6	modalities of	9,
-4	treatment-	Completion
26	chemotherapy,	of activity
5 4	radiation therapy,	record
	pain management,	00
⋖	hormonal therapy	0
	immunotherapy, gene	
4	therapy,	
rc.	-Alternative therapy	/// 3
cub.	-Participate in	0
1	palliative care	75
	-Counsel and teach	9
	patients and families	
red at	-Participate in	ef :
	rehabilitation	
	programmes	\

Clinical assignments

Nursing care plan -4 Case presentation -2

Nursing care study -1 Drug book

Observation reports



Child Health Nursing

Placement- III Year Theory: 140 hours

Nursing Faculty: 105 hours

External Faculty: 35 hours

Practical: 400 Hours

Time Allotment:

Genetics & Embryology- 10 Hours Pediatric surgery - 10 Hours

Pediatric Medicine - 15 hours Child health nursing- 105 Hours

Total - 140 Hours

Course Description:

Students identify the normal growth and development, needs/problems of children of various age groups and deviations from normal, recognize the basic concepts, principles and techniques of child care and the role of family in child rearing, develop beginning ability to plan and provide comprehensive nursing care to children suffering from diseases and disorders.

Unit	Time (hrs)	Learning Objectives	Content	Teaching learning activity	Assess ment methods
13		-Explain the	Concepts of child care		Essay
	4	concept of child	History of Child	- 7	
		care	Health Nursing	60	Short
		-Describe the	Principles of Child		answers
		principles of	Health Nursing	Lecture	
		child health	Difference between	Discussion	Very
	6	nursing	adult and child	1	short
		-Recognize the	nursing		answers
		difference	Rights of children		
		between child	Qualities of a Child		
		and adult	Health Nurse		
		nursing	National policy &		
		-Describe	legislations in		
		national policy			

	and child	relation to child		
	welfare	health and welfare.		
	programmes	Child welfare		
		programmes: State,		
		National,		
		International		
	-Recognize	Preventive Pediatrics		
	universal	Child Morbidity and	-	
	Immunization	mortality rates.	9,	
1,24	prog <mark>ramme</mark>	Universal	Lecture	Short
45	-Explain the	Immunization	Discussion	answers
	activities of	Programme, cold		
II 2	preventive	ch <mark>ain,</mark>	Field visit	Very
40,	clinics	• Under-five clinic, well	to Child	short
		baby clinic -Child	Guidance	answers
-41.		Guidance Clinic	Clinic	111
CG-		• IMNCI		-0
cale.				7
4	-Describe the	The healthy child		
	normal growth	• -Principles of growth	60	_
	& development	and development	Lecture	Essay
	of children at	• -Factors affecting	Discussion	
	different ages	growth &	Demonstra	Ch
	-Appreciate the	development	tion	Short
III 12	role of play for	-Growth and	Field visit	answers
	normal & sick	development,	to Anganwadi	Von
	children	theories of	Anganwadi	Very
		development from	•	short
		infancy to		answers
		adolescence,		
1		1		



		T			Т
			developmental		
			problems and needs		
			of children from		
			infancy to		
			adolescence;		
			behavioural		
			problems, habit		
		a.5 '	disorders and		
	- (management	4,	
	-4		-Play needs of	(),	
	5-		children	-5	
-		Describe the	Nutritional needs and		
		Nutritional	care of children with		Un.
40[needs of infants	Nutritional disorders.	Lecture	0
		&	Nutritional needs of		
-40		children	infants &children:	Discussion	m
66		-Explain the	breast feeding,	/ /	Essay
		nursing	supplementary/	Demonstra)
	d.	management of	artificial feeding and	tion	GI .
		chi <mark>ldren with</mark>	weaning	69	Short
	_	various	• -Baby friendly	Practice	answers
IV	5	nutritional	hospital initiative	session	
		disorders.	• -Nutritional		Very
			requirements in	Clinical	short
			children,	practice	answers
			• -Nutritional		
			deficiency		
			Disorders:-Protein		
			Energy Mal nutrition,		
			• -Vitamin & Mineral		
			Deficiencies		

		-Explain the	Nursing care of a		
		nursing	neonate		
		management of	• -Nursing care of a		
		normal/ high	normal newborn		
		risk neonate.	• -Essential newborn		
		-Perform	care	Lecture	
		neonatal	• -Kangaroo mother	Discussion	
		resuscitation.	care	Workshop	Essay
	- 4	-Recognize and	• -Nursing	on	
	-4	manage	management of high	neonatal	Short
4	in in	common	risk neonate: low	resuscitati	answers
V	10	neonatal	birth weight babies,	on	
		problems	pr <mark>eterm</mark> babies,	Demonstra	Very
400			Management of	tion	short
			common neonatal	Practice	answers
+c1_			problems:	session,	
05			respiratory distress	Clinical	
100			syndrome, hyper	practice	
	4		bilirubinemia,	.77	
			meconium aspiration	50	
			syndrome, infant of		
		मार्थ भ	diabetic mother,		
			neonatal sepsis		
	1	-Identify the	Caring for a hospitalized	1	
		reactions of	child		Essay
		child and family	• -Role of Child Health	Lecture	Losay
VI	3	towards	Nurse in caring for a		Short
		hospitalization	hospitalized child	Discussion	answers
		and illness	• -Reaction of child		
		-Describe the	and family towards		
		major functions	illness and		

and the of the control	1	
and role of hospitalization and		
pediatric nurse nurse's role in		
in caring a minimizing stress.		
hospitalized • -General		
child preoperative and		
post-operative		
management of		
children	-1	
-Describe the Nursing management of	7/	
nursing children with	Lecture	
management of Respiratory disorders	cum	Eccay
children with and infections D	oiscussion	Essay
respiratory • Nursing management		Chart
disorders of children with De	emonstra	Short
• URTI : tonsillitis,	tion	answers
VII 5 Croup, LRTI:		[1]
Bronchial asthma,	Practice Practice	Very
• Pneumonia,	session	short
Bronchiolitis,		answers
• Tuberculosis,	Clinical	
Emphysema,	practice	
Empyema		
Describe the Nursing management of		
nursing children with	1	Essay
11 management of Gastrointestinal	Lecture	
VIII children with disorders D	Discussion	
gastro- • -Gastro enteritis,	Clinical	Short
intestinal Malabsorption	Practice	answers
disorders syndrome, Hepatitis,		
Indian childhood		Very
cirrhosis		short

			• -Cleft lip & Palate,		answers
			Tracheo-esophageal		
			fistula,		
			Diaphragmatic		
			Hernia,		
			Pyloric stenosis,		
		T	Intestinal		
		a 5 '	obstruction,		
	- 4		Intussusception,	4,	
			Hirschsprung's	1	
	34		disease,	-5	
- 25			• Anorectal		
			malformation,		On the
400			• Abdominal wall		C
			defects-		190
-4			omphalocele,		
05			exomphalos,		-0
13			gastroschisis, Hernias)
	4	Describe the	Nursing management of		
		nursing	children with Cardio	50	Eccay
		management of	vascular disorders	Lecture	Essay
		children with	• -Rheumatic fever,		Short
		cardio	Rheumatic Heart	Discussion	answers
	1	vascular	Disease, Heart	_ \	diisweis
IX	7	disorders.	failure, Kawasaki	Clinical	Very
	-		Disease.	practice	short
			Congenital heart		answers
			defects-		
			• -Patent ductus		
			arteriosus, Atrial		



			septal defect,		
			Ventricular septal		
			defect, Tetralogy of		
			Fallot, TGA		
		-Explain the	Nursing management of		
		nursing	children with Genito		
		management of	urinary disorders	Lecture	Essay
		children with	• -UTI, Acute	Discussion	
	- , 4	common	glomerulo nephritis,	Clinical	Short
	76	genito-urinary	Nephrotic syndrome,	100	answers
Х	ь	disorders	• - Wilms' tumor,	practice	Very
25		4	Obstructive		short
			ur <mark>opathy,</mark> Epispadias,		answers
40			hy <mark>pospadi</mark> as, Ectopia		C
			vesica.		
-4		- Describe the	Nursing management of		
05		nursing	children with		-0
1.7		management of	Neurological infections		Essay
	de	children with	and disorders:	- 2	
		neurological	• -seizure disorder,	Lecture	Short
		disorders	meningitis,	Discussion	answers
ΧI	6	सार्व भा	encephalitis, neural	Clinical	
			tube defects,	practice	Very
			encephalocele,	1	short
-			 hydrocephalus, 		answers
			• - Head Injury, brain		
			tumors,		
			•cerebral palsy		
		Explain the	Nursing management of		Essay
XII	6	nursing	children with	Lecture	Short
		management of	Hematological	Discussion	answers

		children with	disorders:	Clinical	
		common	Anemias,	Practice	Very
		hematological	thalassemia, ITP,		short
		disorders	Leukemia, Hodgkins'		answers
			& Non Hodgkin's		
			Lymphoma,		
		. 17	hemophilia		
		Describe the	Nursing management of	-	
	- 4	nursing	children with Endocrine	4	Short
	-4	management of	disorders	Lecture	answers
	Die .	children with	• - Juvenile Diabetes	Discussion	
XIII	3	common	Mellitus, Congenital	Clinical	Very
		endocrine	h <mark>ypothyr</mark> oidism	practice	short
400		disorders	• Growth hormone		answers
			deficiency		
-4		Describe the	Nursing management of	Lecture	Short
05		nursing	children with	cum	answers
1.7		management of	Orthopedic disorders	Discussion	
XIV	2	children with	club feet,	- 2	Very
		orthopedic	congenital hip	Clinical	short
		Conditions	dislocation	practice	answers
		Describe the	Nursing management of		
		nursing	children with Genetic	Lecture	CI .
		management of	Disorders	\	Short
		children with	• - Down's Syndrome,	Discussion	answers
1/17	_	common	• -Turner's syndrome,	Cli at a l	Mar
XV	5	Genetic	• -Kleinfelter's	Clinical	Very
		disorders	syndrome,	practice	short
			• -Edwards syndrome,		answers
			• -Inborn errors of		
			metabolism:		
	l .				

			phenylketonuria,		
			albinism,		
			• galactosemia,		
			• -genetic counseling		
		Describe the	Nursing management of		
		nursing	children with Common		
		management of	disorders of skin, eye		
		children with	and ear	-	
	. 4	disorders of	• Skin: scabies,	9,	
	1	skin, eye, and	pyoderma,	``>	Short
XVI	3	ears.	 staphylococcal 	Lecture	answers
AVI	3		scalded skin	Discussion	
			sy <mark>ndrome</mark>	Clinical	Very
40,			Eye: congenital	practice	short
			glaucoma, cataract,		answers
44			squint ,refractive	7	700
00			errors		
1,3			• Ear : wax, otitis)
	4		externa, otitis media,	- 17	
		(mastoiditis,	69	
		_	childhood deafness		
		Describe the	Nursing management of	1:	
		nursing	children with		Short
	1	management of	communicable diseases	Lecture	answers
		children with	communicable	Discussion	
XVII	5	communicable	diseases in children	Clinical	Very
		diseases.	and its prevention	practice	short
			and management		answers
			Dengue fever, Chikun		
			Gunya		



			• - Nursing care of		
			infant and children		
			with HIV/AIDS,		
		Explain the	Child health		Short
		nursing	emergencies	Lecture	answers
		management of	-accidents, Poisoning,	Discussion	answers
XVIII	5	children with	foreign bodies, shock,	Clinical	Very
		emergency	hemorrhage, burns,	practice	short
		conditions.	drowning, snake bite-	4	
	-		Nursing management	100	answers
-	-	-Identify the	Management of	Lecture	
- 25	s	social & welfare	challenged children:	Discussion	Short
		services for		Field	A.
40,		challenged	• Mentally, Physically,	visits to	answers
XIX	3	children	& Socially challenged	school for	Very
AIA	3			mentally,	short
05			-Welfare services for	physically physically	
1.7			challenged children	and	answers
	4		in India.	socially	
		(challenged	

गर्व भवन्त् स्रीखनः

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Genetics and Embryology (10 hours)

- -Concepts and importance in Pediatrics.
- -Gene structure and function
- -Pattern of inheritance
- -Common chromosomal disorders Down's Syndrome, Turner's syndrome, Klinefelter's syndrome, Edwards syndrome, Albinism, Inborn errors of metabolism, phenylketonuria, galactosaemia, and mental retardation
- Growth and development of fetus
- -Mal development leading to congenital anomalies
- Genetic testing in neonates and children

Paediatric surgery - (10 Hours)

- Management of children with congenital disorders and diseases of:
- -Cardiovascular System: Patent Ductus Arteriosus, Ventricular Septal
 Defect, Atrial Septal Defect, Tetralogy of Fallot
- -Gastro intestinal system: Cleft lip, Cleft palate, Tracheo-esophageal fistulae, Pyloric stenosis, Intestinal obstruction, Hirschsprung's disease, Anorectal malformations, Omphalocele, Hernias.
- -Central Nervous System : Head injury, Hydrocephalus, Spina bifida, Encephalocele, Brain tumors
- -Genitourinary system: Wilm's tumor, Obstructive uropathy, Epispadias,
 Hypospadias, Ectopia vesicae
- Orthopedic Disorders: Club foot, Hip dislocation, Fracture
- -Burns



Paediatric Medicine(15 hrs)

- Management of children with diseases of:
- -Respiratory system: Croup, Bronchiolitis, Bronchitis, Pneumonia,

 Tuberculosis, Bronchial Asthma, emphysema, Empyema, Epiglottitis.
- -Cardiovascular System: Rheumatic fever, Rheumatic Heart Disease,
 Congestive Heart Failure, Kawasaki disease.
- -Gastrointestinal system: Gastroenteritis, Malabsorption syndrome,
 Hepatitis
- -Central Nervous System: Meningitis, Encephalitis, Cerebral palsy,
 Convulsions, Epilepsy
- -Genito urinary system: Acute glomerulonephritis, Nephrotic syndrome,
 Renal failure
- -Endocrine Disorders- Juvenile Diabetes, Congenital Hypothyroidism.
- -Haematology: Anemia, Thalassemia, Hemophilia, Leukemia, Lymphomas, ITP, HIV/AIDS.

References

- Marlow and Redding Textbook of pediatric Nursing Latest Edition, WB. Saunders
 Company.
- Wong DL & Hockenberry M J , Wong's Nursing care of Infants and Children, Mosby
- Marilyn J Hockenberry , Wong's essentials of Pediatric Nursing, Mosby
- Behrman, Kliegman & Arvin, Nelsons's Text book of Pediatrics (Book I & II), W.B.
 saunders Company
- Nancy Tkacz Browne, Laura M Flanigan, Carmal, Pam. Nursing care of the pediatric surgical patient, Jones and Bartlett publishers.
- O.P GHAI, Essential pediatrics,.Interprint, New Delhi.
- Meharban Singh, Care of New born. Sagar Publications, New Delhi
- Susamma & Anupama Text book of Paediatric Nursing 1st edn Jaypee Brothers
 NewDelhi.
- Ashcraft KW, Holocomb GW & Murphy J.P. Peadiatric Surgery, Elsevier. Saunders
- Neill JA. Principles of Pediatric Surgery, Mosby, St. Louis



- Kyle and Carman, Essentials of Pediatric Nursing, Lippincott Williams & Wilkins.
- Meharban Singh, Paediatric Emergencies, Sagar Publications.
- Bowden, Children and Ttheir Family, Lippincott Williams & Wilkins.
- National & International Journals on Paediatric Nursing.

Child Health Nursing – Practical

Placement : III Year Time: 400 Hours (10 weeks)

Areas	Dura tion (in week)	Objectives	Skills to be developed	Assignments	Assess ment method
-	4	-Provide	Taking Pediatric history	-Give care to	-Assess
75-		nursing care	Physical examination	assigned	clinical
		to children	and assessment of	pediatric	performa
400		with'	children.	patients	nce with
		various	Administration of oral,	-Nursing care	rating
40		medical	I/M &IV medicine	plan	scale
05		disorders	/fluids,	-Case	-Assess
			Calculation of fluid	presentation	each skill
Pediatri	4.	-Counsel	requirements	-Health talk	with
С		and educate	Preparaion of IV fluids	Care analysis	checklist
medicin	3	parents	with different		-OSCE/
e ward		सर्व ४	strengths Apply restraints	FF:	OSPE -
	1		Administer O2 by	_	Evaluation
-			different methods.		of case
			Feed children by cup		study/
			and spoon		presentati
			Collect specimens for		on and
			common investigations		Health
			Assist with common		education
			diagnostic procedures		session

	ı		-		
			Teach mothers/parents		-
			on malnutrition, oral		Completio
			rehydration therapy ,		n of
			feeding & weaning,		activity
			immunization		record
			schedule, play		
		2.57	therapy, specific		
		tra,	disease conditions	60	
		-Recognize	-Calculate, prepare and	-Give care to	-Assess
		different	administer I/V fluids	assigned	clinical
-	> -	pediatric	-Do bowel wash	pediatric ==	performa
- 23		surgical	-Care for ostomies,	patients	nce
		conditions	colostomy irrigation,	-Nursing care	with
42		-Provide pre	Ureterostomy,	Plan	rating
_		and post	Gatrostomy,	-Case study/	scale
-4		operative	Enterostomy	Presentation -	-Asses
05		care to	-Urinary	///	each
Pediatri		children	Catheterization and		skill with
С	4.	with	drainage		check list
Surgery	2	common	-Feeding-Naso-gastric,	69	-OSCE/
Ward		paediatric	Gastrostomy,		OSPE
		surgical	Jejunostomy	Test 1	Evaluation
		conditions	-Care of surgical		of ease
		-Counsel	wounds	1	study/
		and educate	-Dressing		presentati
		parents	-Suture removal		on
					Completio
					n
					of activity
					record

		-Perform	Assessment of children	Growth and	-Assess
		assessment	Health assessment	development	clinical
		of children:	Developmental	assessment of	performa
		health,	assessment	different age	nce with
		developmen	Anthropometric	groups.	rating
Paediat		tal and	assessment	Health	scale
ric		anthropome	Immunization	education –I	-
OPD/	1	tric -	Health/nutritional	8	Completio
Immuni	. 9	Perform	education	4,	n of
zation	-4	Immunizatio	0.00	, ° ,	activity
room		n		-5	record
-		-Give health			
		education			90
400		/nutritional	and the same		0
		education			
44		Provide	Care of a child on	Nursing care	Assess
05		nursing care	ventilator	plan-I	clinical
1.7		to critically	Endotracheal suction	/ / /	performa
	L	ill children	Chest physiotherapy	7	nce with
Peadiat		1	Administer fluids with	69	rating
ric			infusion pump		scale
Medici	2	and a	Total parenteral	EFF.	Completio
ne and	۷		nutrition		n of
surgery			Monitoring of babies	1	activity
ICU			Cardio Pulmonary		record
			resuscitation		Evaluation
					of
					observatio
					n report



		Perform	Care of	babies	in	New born and	Evalua	ation
		newborn	incubator			preterm	of	new
Neonat		and	/Warmer/v	entilator,	/	assessment	born	and
al care	2	preterm	photothera	ру.			prete	rm
unit	2	assessment	Nursing ca	are of h	igh		assess	sme
			risk neonat	es.			nt	and
		2.17	Neonatal) F	1		care	
		6. 2.	resuscitatio	on.	4	8.		

Clinical assignments

Nursing care plan -3

Care Study - 1

Case presentations - 2

Health talk - 1

Growth and Development assessment of newborn, infant, toddler, preschooler, schooler–4

Drug file

Project

MENTAL HEALTH NURSING

Placement: III Year Theory –110 Hours

Nursing faculty-80 hours

External faculty-30 hours

(Psychiatrist- 20hrs; psychologist-5 hrs; + Psychiatric social worker-5 hrs)

Practical - 360 hours

Course Description:

This course is designed for developing an understanding of the modern approach to mental health, identification, prevention and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, family and community.

भवन्त माम्बन

Unit	Time (Hrs)	Learning objectives	Content	Teaching learning activity	Assess ment method
	6	-Describe the	Introduction		
	NF-5	historical	-Perspectives of Mental		



& current trends in mental health nursing -Describe the epidemiology of mental health nelth problems -Discuss the roles and responsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the esponsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the esponsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior Principles and Concepts of Mental Health Nursing -Defines the various terms used in mental NF-7 health nursing FF-2 -Explains the classification of mental disorders: ICD using answer Discussion Discussion Discussion Discussion Discussion Discussion Discussion Discussion Discussion Discussion Short answer		EF-1	development	Health and Mental Health	Lecture	Short
mental health nursing -Describe the epidemiology of mental health health health problems -Discuss the roles and responsibilities s of the NurseDiscusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior II NF-7 EF-2 Pescribe the various terms Mental health nursing -Explains the classification of mental disorders: ICD Prevalence and incidence of mental health problems and disorders in India P-Prevalence and incidence of mental health problems and disorders in India P-Nature and scope of mental health nursing Pescribe the various settings and factors affecting the level of nursing practice Pocncepts of normal and abnormal behaviour Principles and Concepts of Mental Health Nursing Poescribe the various terms used Principles and Concepts of Mental Health Nursing Poesinition: mental health nursing and terminology used Poesinition: mental health nursing and terminology used Poesinition: mental health nursing used Poesinition: mental health nursing short answer			& current	nursing: evolution of mental		answer
nursing -Describe the epidemiology of mental health problems -Discuss the roles and responsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms 9 used in mental NF-7 health nursing -Explains the classification of mental -Describe the colassification of mental -Prevalence and incidence of mental health problems and disorders in India - Mental health team - Nature and scope of mental health nursing - Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice - Concepts of normal and abnormal behaviour -Concepts of normal and abnormal behaviour - Prevalence and incidence of mental health team - Nature and scope of mental health nurse in various settings and factors affecting the level of nursing practice - Concepts of normal and abnormal behaviour - Provalence and incidence of mental health team - Nature and scope of mental health nurse in various settings and factors affecting the level of nursing practice - Concepts of normal and abnormal behaviour			trends in	health services, treatment		S
-Describe the epidemiology of mental health problems and disorders in India - Mental health team - Nature and scope of mental health nursing - Discuss the roles and responsibilitie s of the Nurse Discusses the scope of mental health nurse in various settings and factors affecting the level of nursing practice scope of mental health nursing - Describe the concept of normal and abnormal behavior - Defines the various terms 9 used in mental health nursing - Describe the concept of normal and abnormal behavior 9 used in mental health nursing - Definition: mental health nursing and terminology used in mental classification of mental disorders: ICD using			mental health	and nursing practices.	Discussion	
epidemiology of mental health health problems -Discuss the roles and responsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms y used in mental NF-7 health nursing NF-7 health nursing FF-2 -Explains the classification of mental health nursing -Chescribe the concept of normal and abnormal behavior -Definition: mental health nursing and terminology used in mental disorders in India -Mental health nursing -Nealth nursing -Nealth nursing -Nealth nursing -Nealth nursing -Nealth nursing -Classification of mental disorders in India -Mental health nursing -Nealth nursing -Realth nursing -Nealth nursing -Realth nursing -Nealth nursing -Nealth nursing -Classification of mental disorders: ICD -Nealth nursing -N			nursing	• -Prevalence and incidence		
of mental health nursing - Discuss the roles and responsibilitie s of the Nurse Discusses the scope of scope of mental health nursing - Describe the concept of normal and abnormal behavior - Defines the various terms yused in mental NF-7 health nursing NF-7 health nursing FF-2 - Explains the classification of mental disorders: ICD - Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice - Concepts of normal and abnormal behaviour - Concepts of normal and abnormal abnormal behaviour - Defines the various terms yused in mental health nursing and terminology used - Classification of mental disorders: ICD using			-Describe the	of mental health problems		
health problems -Discuss the roles and responsibilitie s of the NurseDiscusses the scope of mental health nurse in various settings and factors affecting the level of nursing practice scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms 9 used in mental NF-7 health nursing -EF-2 -Explains the classification of mental disorders: ICD • -Nature and scope of mental fealth nursing • -Role and functions of mental health nursing practice • -Role and functions of mental feators affecting the level of nursing practice • -Concepts of normal and abnormal behaviour			epidemiology	and disorders in India		
problems -Discuss the roles and responsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms 9 used in mental NF-7 health nursing -EF-2 -Explains the classification of mental mental health nursing -Concepts of normal and abnormal abnormal behavior -Definition: mental health nursing and terminology used -Classification of mental disorders: ICD mental health nursing mental health nursing -Role and functions of mental health nursing affecting the level of nursing practice -Concepts of normal and abnormal abnormal abnormal Abnormal Because Abnormal -Classification of mental mental health nursing practice -Concepts of normal and abnormal abnormal behaviour -Concepts of normal and abnormal abnormal abnormal behaviour -Concepts of normal and abnormal abnormal abnormal behaviour -Concepts of normal and abnormal abnormal abnormal abnormal behavior -Concepts of normal and abnormal abnormal abnormal abnormal behavior -Concepts of normal and abnormal abnorm			of mental	• -Mental health team		
-Discuss the roles and responsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms used in mental health nursing and terminology -EF-2 -Explains the classification of mental disorders: ICD -Role and functions of mental flealth nurse in various settings and factors affecting the level of nursing practice -Concepts of normal and abnormal abnormal behaviour -Concepts of normal and abnormal abnormal behaviour -Concepts of normal and abnormal abnormal behaviour -Defines the various terms used In mental health nursing and terminology used in mental explain s disorders: ICD using			health	• -Nature and scope of	1,	
roles and responsibilitie s of the NurseDiscusses the scope of nursing -Describe the concept of normal and abnormal behavior -Defines the various terms used in mental NF-7 FF-2 -Explains the classification of mental responsibilitie various settings and factors affecting the level of nursing practice • -Concepts of normal and abnormal behaviour • -Concepts of normal and abnormal behaviour Frinciples and Concepts of Mental Health Nursing Lecture Essay • -Definition: mental health nursing and terminology used in mental various settings and factors affecting the level of nursing practice • -Concepts of normal and abnormal behaviour • -Concepts of Mental Health Nursing Lecture Essay • -Definition: mental health nursing and terminology used answer -Classification of mental disorders: ICD using		-4	problems	mental health nursing	5 1	
responsibilitie s of the NurseDiscusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms used in mental NF-7 health nursing -EF-2 -Explains the classification of mental responsibilitie various settings and factors affecting the level of nursing practice • -Concepts of normal and abnormal behaviour • -Concepts of Mental Health Nursing Lecture Essay • -Definition: mental health nursing and terminology used in mental classification of mental disorders: ICD various settings and factors affecting the level of nursing practice • -Concepts of normal and abnormal and abnormal behaviour • -Defines the various settings and factors affecting the level of nursing practice • -Concepts of Nental Health Nursing Lecture Essay		20	-Discuss the	 -Role and functions of 	-5	
s of the Nurse. -Discusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms used in mental health nursing and terminology NF-7 health nursing FF-2 -Explains the classification of mental of mental disorders: ICD affecting the level of nursing practice -Concepts of normal and abnormal abnormal behaviour -Concepts of normal and abnormal abnormal behaviour -Concepts of normal and abnormal abnormal behaviour -Defines the various terms mental health nursing used answer answer		25	roles and	mental health nurse in		
-Discusses the scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms used in mental health nursing and terminology used in mental health nursing and terminology used in mental classification of mental disorders: ICD using			responsibilitie	various settings and factors	U.	
scope of mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms 9 used in mental NF-7 health nursing EF-2 -Explains the classification of mental NF-7 health nursing of mental NF-7 health nursing EF-2 -Explains the classification of mental NF-7 health nursing usedClassification of mental disorders: ICD Concepts of normal and abnormal and abnormal behaviour Concepts of NF-7 health nursing abnormal behaviour Concepts of normal and abnormal and abnormal behaviour Concepts of normal and abnormal behaviour	40	(s of the Nurse.	affecting the level of nursing	(5
mental health nursing -Describe the concept of normal and abnormal behavior -Defines the various terms used in mental NF-7 health nursing FF-2 -Explains the classification of mental of mental health nursing used -Classification of mental disorders: ICD abnormal behaviour -Defination -Defines the various terms -Definition: mental health nursing and terminology used -Classification of mental abnormal behaviour -Definition: -Definition: mental health nursing and terminology used -Classification of mental answer -Classification of mental using			-Discusses the	practice		
nursing -Describe the concept of normal and abnormal behavior -Defines the various terms used in mental health nursing and terminology FF-2 -Explains the classification of mental disorders: ICD using	- 40	Ċ.	scope of	• -Concepts of normal and		
-Describe the concept of normal and abnormal behavior -Defines the various terms Wental Health Nursing Lecture Essay 9 used in mental • -Definition: mental health nursing and terminology Discussion Short ensured Lecture Lessay FF-2 -Explains the classification of mental disorders: ICD using		10	mental health	abnormal behaviour		
concept of normal and abnormal behavior -Defines the various terms used in mental NF-7 health nursing FF-2 -Explains the classification of mental of mental concept of normal and abnormal behavior Principles and Concepts of Mental Health Nursing -Definition: mental health nursing and terminology used -Classification of mental disorders: ICD concept of normal and abnormal behavior Discussion Short answer answer		cale	nursing		0	
normal and abnormal behavior -Defines the various terms used in mental health nursing and terminology FF-2 -Explains the classification of mental of mental disorders: ICD using		4	-Describe the		779	
abnormal behavior -Defines the various terms will used in mental health nursing and terminology terms and terminology terms is classification of mental disorders: ICD in the sentence of the position is disorders. ICD in the sentence of the position is disorders. ICD in the sentence of the position is disorder in the position in the position is disorder in the position in the position in the position is disorder in the position in the position in the position is disorder in the position in the position in the position is disorder in the position is disorder in the position in the position in the position in the position is disorder in the position is disorder in the position in the positio			concept of		69	
behavior -Defines the various terms 9 used in mental NF-7 health nursing			normal and			
-Defines the various terms 9 used in mental			abnormal	ara utara		
various terms 9 used in mental NF-7 health nursing EF-2 -Explains the classification of mental of mental various terms Mental Health Nursing • -Definition: mental health nursing and terminology used • -Classification of mental of mental disorders: ICD Lecture Essay • -Definition: mental health nursing and terminology used answer			behavior			
9 used in mental • -Definition: mental health NF-7 health nursing nursing and terminology EF-2 -Explains the classification of mental of mental of mental disorders: ICD using		1	-Defines the	Principles and Concepts of	1	
NF-7 health nursing nursing and terminology EF-2 -Explains the used -Classification of mental of mental of mental disorders: ICD Using			various terms	Mental Health Nursing	Lecture	Essay
EF-2 -Explains the used answer classification of mental of mental of mental disorders: ICD using		9	used in mental	• -Definition: mental health		
EF-2 -Explains the used answer classification of mental of mental disorders: ICD using		NF-7	health nursing	nursing and terminology	Discussion	Short
of mental disorders: ICD using	"	EF-2	-Explains the	used		answer
			classification	• -Classification of mental	Explain	S
			of mental	disorders: ICD	using	
disorders • -Review of personality Charts Very			disorders	• -Review of personality	Charts	Very



Ш	5	-Describe	status	Lecture	Short
			Assessment of mental health		
			H. Peplau, H.S. Sullivan		
			Interpersonal model-		
			Erikson		
	_		Psychosocial model-		
	1		EL.Thorndike, Ivan Pavlov	_	
		4444	BF. Skinner, Joseph Wolpe,		
		mot s	Behavioural model-		
		nursing	Freud		
	3-	mental health	Psycho-analytical models-	69	
	GA .	models of	-Conceptual models and the role of nurse:	-05	
	T-	conceptual	Nursing practice	0	
- 40		Nursing -Describe the	-Standards of Mental health		
		Mental health	Nursing		
- 1		standards of	• -Principles of Mental health		
		Principles and	trans <mark>mission</mark>	- 0	
	5	-Explain the	abnormal neuro		
	400	disorders	brain, limbic system and	5	
	14	gy of mental	structure and function of	100	
	7.	psychopatholo	disorders: review of	//	
		factors,	 -Psychopathology of mental 		
		etiological	factors		
		-Discuss the	• -Etiology : bio-psycho-social	ent	
		behaviour	stress, crisis and disaster(s)	developm	
		maladaptive	individuals and groups:	у	
		dynamics of	 -Maladaptive behaviour of 	personalit	S
		psycho	mechanisms	Review of	answer
		-Explain	development, defense		short



	NF-3	nature,	• -History taking		answer
	EF-2	purpose and	, -		
	LF-Z		-Mental status examination	Discussion	S
		process of	-Mini mental status	Discussion	Very
		assessment of	examination		short
		mental health	-Neurological examination:	Demonstr	answer
		status	review	ation	S
		- L V	-Investigations: related		Assess-
		Q. "	blood chemistry, EEG, CT &		ment of
		€	MRI	1/	skills
			 psychological tests Role and 	100	with
	20		responsibilities of nurse	-5-	check
					list
		-Identify	Therapeutic communication	- 0	
40		therapeutic	and nurse-patient relationship		5
_		communicatio	• -Review of therapeutic	Lecture	
40		n t <mark>echniques</mark>	communication: types,		
	C.	-Describe	techniques, characteristics		Short
	do	t <mark>herapeutic</mark>	• -Types of relationship,	Discussion	answer
	4	rel <mark>ationship</mark>	• -Ethics and responsibilities	Oy.	S
IV	5	-Describe	• -Elements of nurse patient	Demonstr	
		therapeutic	contract	ation	Very
		impasse and	• -Review of technique of IPR-	Dala da	short
		its intervention	Johari Window	Role play	answer
	/		-Goals, phases, tasks,		S
			therapeutic techniques	Process	
			 -Therapeutic impasses and 	recording	
			its intervention		
	10	Explain	Treatment modalities and		
v	NF-4	treatment	therapies used in mental	Lecture	Essay
	EF-6	modalities and	disorders		Short



	therapies used	• -Psycho Pharmacology	Discussion	answer
	in mental	-Psychological therapies:		S
	disorders and	- Therapeutic	Demonstr	
	role of the	community,	ation	Very
	nurse	- Psycho therapy-		short
		- Individual therapy ,	Group	answer
	2.5	- psychoanalytical,	work	S
	or p.	- cognitive and		
	€.	supportive - Family	Practice	
		Therapy	session	
-20		• Group Therapy :	5	
-5		Behavioral Therapy	Clinical	
	/	• Play t <mark>herapy,</mark>	practice	
40		• Psycho-drama)
_		• Music, Dance,		
43.		 Recreational and 		
95		• Light therapy,		
de		• Relaxation therapies :	1.3	
4		- Relaxation Technique,	/199	
		- Yoga, Meditation,		
		- Biofeedback		
	सार्व ।	Occupational therapy		
		Physical Therapy:		
		Electro convulsive therapy		



		Describe the	Nursing management of		
		etiology,	patient with Schizophrenia	Lecture	
		psycho-	and other delusional disorders	<u>.</u>	
		pathology,	• -Classification; ICD	Discussion	-
		clinical	• -Etiology, psycho-	0	Essay
		manifestations	pathology, types, clinical	Case	CI .
		, , , , , ,	manifestations, diagnosis	discussion	Short
	6	diagnostic	-Nursing Assessment-	0	answer
VI	NF-5	criteria and	History, Physical and mental	Case	S
	EF-1	management	assessment	presentati	Man
	200	of patients	 -Treatment modalities and 	on	Very
	3	with	nursing management of	Clininal	short
		Schizophrenia	patients with Schizophrenia	Clinical	answer
40			• -Follow-up, home care and	practice	S
			rehabilitation		
40					
	6			7 3	
	cale .	-Describe the	Nursing management of	Lecture	
	-4	etiology,	patient with Mood (Affective)	779	
		psycho-	disorders	Discussion	Essay
		pathology,	• -Manic episode, Bipolar		
		clinical	affective disorder,	Case	Short
	6	manifestations	Depressive episode	discussion	answer
VII	NF-5	Diagnostic	• -Etiology, psycho-	\ \	S
VII	EF-1	criteria and	pathology, clinical	Case	
		management	manifestations, diagnosis.	presentati	Very
		of patients	-Nursing Assessment-	on	short
		with	History, Physical and mental		answer
		affective	assessment	Clinical	S
		disorders	• -Treatment modalities and	practice	
			nursing management of		

			patients with mood		
			disorders		
			• -Follow-up and home care		
			and rehabilitation		
		Describe the	Nursing management of		
		etiology,	patient with neurotic, stress		
		psycho-	related and somatoform		
		pathology,	disorders		
		clinical	• -Anxiety disorder, Phobias,	Lecture	
		manifestations	Dissociative disorder,	1	
	20	, diagnostic	Obsessive compulsive	Discussion	
	5	criteria and	disorder, somatoform		Essay
		management	disorders, Post traumatic	Case	
40	-	of patients	stress disorder	discussion	Short
	7 NF-5	with neurotic,	• -Etiology, psycho-		answer
VIII	EF-2	stress related	pathology, clinical	Case	S
0	EF-Z	and	manifestations, diagnosis	presentati	
	do	s <mark>omatoform</mark>	• -Nursing Assessment-	on	Very
	4	di <mark>sorders</mark>	History, Physical and mental	-779	short
		1	assessment	Clinical	answer
			-Treatment modalities and	practice	S
		सार्व १	nursing management of		
			patients with anxiety, OCD,		
	1		Phobias, stress related and	1	
			somatoform disorders		
			-Follow-up and home care		
			and rehabilitation.		
	6	Describe the	Nursing management of	Lecture	Essay
IX	NF-5	etiology,	patient with Substance use		
	EF-1	psycho-	disorders	Discussion	Short
		pathology,	Commonly used		answer

		clinical	psychotropic substance:	Case	S
		manifestations	Classification, forms, routes,	discussion	
		diagnostic	action, intoxication and		Very
		criteria and	withdrawal	Case	short
		management	-Etiology of dependence:	presentati	answer
		_		•	
		•	tolerance, psychological	on	S
		with substance	and physical dependence,		
		use disorders	withdrawal syndrome,	Clinical	
	3.	40	diagnosis,	practice	
			 -Nursing Assessment- 	1,3	
	4		History, Physical, mental	5	
	5		assessment and drug		
		/	assay	Q.	
40			• -Treatment (detoxification,		0
			antabuse and narcotic		
44			antagonist therapy and		1
	6		harm reduction) and	7	
	e de		nursing management of	Ċ	
	J.		patients with substance use	- 75	
		1	disorders	69	
			 Follow-up and home care 		
		2277	and rehabilitation		
		Describe the	Nursing management of	Lecture	
	- /	etiology,	patient with Behavioral	1	Essay
	-	psycho-	syndromes associated with	Discussion	
	7	pathology,	Physiological disturbances and		Short
Х	NF-6	clinical	physical factors, sleep	Case	answer
	EF-1	manifestations	 Sexual dysfunction and 	discussion	S
		diagnostic	• Eating disorders		
		criteria and	• -Eating disorders : Anorexia	Case	Very
		management	nervosa, Bulimia nervosa	presentati	short
					L

		of patients	-Non organic sleep disorder	on	answer
		with sleep,	:		S
		sexual and	Insomnia, Hypersomnia,	Clinical	
		eating	Sleep walking, Nightmares	practice	
		disorders	-Sexual dysfunctions	,	
			-Puerperium psychosis		
			- V O F		
		251	-Classification of disorders - Etiplography and a second a second and a second a second and a second a second and		
		6.4	• -Etiology, psycho-	7	
	-3		pathology, characteristics,	< ,	
	100		diagnosis,		
	400		-Nursing Assessment-		
	0		History, Physical and mental	CF.	
			assessment		
			• -Treatment modalities and		
			nursing management of		п
- 43	-		patients with non organic,		
0	6		sleep, sexual and eating	A	
	QŽ.		disorders	700	
	4		• -Follow-up and home care	6	
		(and rehabilitation	100	
		Describe the	Nursing management of	Lecture	Essay
		etiology,	childhood and adolescent		Loody
		psycho-	disorders including mental	Discussion	Short
	-6	pathology,	deficiency	_ _	answer
	NF-4	clinical	Classification	Case	S
ΧI	EF-2	manifestations	• Etiology, psycho-pathology,	discussion	3
	<u>_</u>	, diagnostic	characteristics, diagnosis,		Very
		criteria and	nursing assessment	Case	short
		management	(history, physical, mental	presentati	answer
		of childhood	and IQ assessment)	on	S
		and adolescent			3

		disorders	Mental Retardation	Clinical	
		including	Developmental disorder of :	practice	
		mental	• Speech & language,	'	
		deficiency	Scholastic skills,		
		deficiency	·		
			Hyperkinetic disorder,		
			 Conduct disorder, Autism, 		
		- C. \	 Enuresis, Encopresis, 		
		, Q. "	• Tic disorders		
	-3	Describe the	Nursing management of	1	
	14	etiology,	organic mental disorders	Lecture	
	40	psycho-	 -Classification, Etiology, 	5	
	5	pathology,	psycho-pathology, clinical	Discussion	
		clinical	features, diagnosis and	O.	Essay
40		manifestations	differential diagnosis of-	Case	0
_		, diagnostic	Dementia, Delirium,	discussion	Short
-43	6	crite <mark>ria and</mark>	Alzheimer's		answer
XII	NF-5	management	• -Nursing Assessment-	Case	S
	EF-1	of organic	History, Physical, mental	presentati	
	-6	brain disorders	and neurological	on	Very
		(assessment	69	short
			• -Treatment modalities and	Clinical	answer
		सार्व ४	nursing management of	practice	S
			organic mental disorders		
	- /		 -Follow-up and home care 	1	
			and rehabilitation		
		Identify	Psychiatric emergencies and	Lecture	
	7	psychiatric	crisis intervention		Essay
XIII	NF-6	emergencies	-Types of psychiatric	Discussion	,
	EF-1	and carry out	emergencies and their		Short
		crisis	management	Case	answer
				3455	



		intervention	• -Stress adaptation Model:	discussion	S
		intervention		uiscussion	3
			 stress and stressor, coping, 	_	
			resources and mechanism	Case	Very
			-Grief: Theories of grieving	presentati	short
			process, principles,	on	answer
			techniques of counseling		S
		2.5	• -Types of crisis	Clinical	
		6.2.	• -Crisis Intervention:	practice	
		8	 Principles, techniques and 	1/	
			process	100	
	40		-	5	
	5	Describe the	Disorder of adult personality		
		etiology,	and Behaviour	0	
40		psycho-	• -Personality disorders	(Short
		pathology,	• -Gender identity disorder :		answer
-43	5	clinical feature	• Transsexualism, Dual role	Lecture	S
XIV	NF-4	and	transvestism		
	EF-1	management	• -Sexual preference	Discussion	Very
		of personality	(perversion)	- 79	short
		disorders	• -Habit and impulse	69	answer
			disorder		S
		सर्व ४	मयन्त सांखनः		
		-Identify the	Geropsychiatry		Short
		mental disorders of	 -Theories of aging-review 	1	answer
	5	old age.	-Mental illness in elderly	Lecture	
	NF-4	-Discuss the	 -Management of Mental 	Lecture	S
ΧV	EF-1	management of mental	disorder in old age	Discussion	Very
	LF-1	health problems of	-Role of geropsychiatric	ווטוממטטועו	short
		old age & the	nurse		
		role of			answer
		geropsychiatric nurse			S
		<u>I</u>			I.

		-Explain legal	Legal issues in Mental Health		
		aspects	Nursing		
		applied in	• -The Mental Health Act		
		mental health	1987: Act, Sections, Articles		
		settings	and their implications etc.		Short
		-Describe	• -Indian Lunacy Act. 1912		answer
	6	Mental Health	• -Rights of mentally ill clients	Lecture	S
VV/I	NF-4	Act, Forensic	• -Forensic psychiatry		
XVI	EF-2	Psychiatry	-Acts related to narcotic	Discussion	Very
	100	-Discuss the	and psychotropic	1 1	short
	400	admission &	substances and illegal drug	- 5-	answer
	5	discharge	trafficking		S
		procedure	• -Adm <mark>ission a</mark> nd discharge	O.	
-0			procedures (Govt. hospitals)		0
			• -Role and responsibilities of		
_			nurco		
40			nurse	-	
	£	-Describe the	Community Mental Health	Locture	
	ر د دري	-Describe the model of		Lecture	
0	ر دن چ		Community Mental Health	25	Short
	ان ان اخ	model of	Community Mental Health Nursing	Lecture Discussion	Short
0	ا الد الح	model of preventive	Community Mental Health Nursing • Development of Community	Discussion	
6	ا ا ا ا ا	model of preventive psychiatry	Community Mental Health Nursing • Development of Community Mental Health Services:	Discussion Clinical/	answer
6	8 NF-3	model of preventive psychiatry -Describes	Community Mental Health Nursing • Development of Community Mental Health Services: • -National Mental Health	Discussion Clinical/ field	answer
XVII		model of preventive psychiatry -Describes Community	Community Mental Health Nursing • Development of Community Mental Health Services: • -National Mental Health Programme	Discussion Clinical/	answer s
6	NF-3	model of preventive psychiatry -Describes Community Mental health	Community Mental Health Nursing • Development of Community Mental Health Services: • -National Mental Health Programme • -Institutionalization Versus	Discussion Clinical/ field practice	answer s Assess
6	NF-3	model of preventive psychiatry -Describes Community Mental health services and	Community Mental Health Nursing Development of Community Mental Health Services: National Mental Health Programme Institutionalization Versus Deinstitutionalization	Discussion Clinical/ field practice Field visits	answer s Assess ment of
6	NF-3	model of preventive psychiatry -Describes Community Mental health services and role of the	Community Mental Health Nursing Development of Community Mental Health Services: National Mental Health Programme Institutionalization Versus Deinstitutionalization Model of Preventive	Discussion Clinical/ field practice	answer s Assess ment of the
6	NF-3	model of preventive psychiatry -Describes Community Mental health services and role of the	Community Mental Health Nursing Development of Community Mental Health Services: National Mental Health Programme Institutionalization Versus Deinstitutionalization Model of Preventive psychiatry: Levels of	Discussion Clinical/ field practice Field visits to mental	answer s Assess ment of the field
6	NF-3	model of preventive psychiatry -Describes Community Mental health services and role of the	Community Mental Health Nursing Development of Community Mental Health Services: -National Mental Health Programme -Institutionalization Versus Deinstitutionalization -Model of Preventive psychiatry: Levels of Prevention	Discussion Clinical/ field practice Field visits to mental health	answer s Assess ment of the field visit



	levels including		
	rehabilitation and role of		
	nurse		
	• -Mental Health Agencies:		
	• Government and voluntary,		
	National and International		
- 1	-Mental health nursing		
o. 2	issues for special		
. 6.	populations: Victims of	1,	
	violence and abuse,	4 1	
	disaster, HIV/AIDS etc.	5	

References

- Townsend C. Mary, Psychiatric Mental Health Nursing. Jaypee Brothers Medical
 Publishers
- Sadock K.Synopsis of psychiatry, William and Wilkins Baltimore, USA
- Stuart G.W. & Sandeen S.J Psychiatric Nursing, C.V. Mosby company
- Fortinash, M.K, Worret, H.A.PsychiatricMental Health Nursing, Latest edition, Mosby Publications.
- Fortinash, M.K, Worret, H.A. Psychiatric Nursing Care plans, Latest edition, Mosby Publications.
- Lalitha K. Mental Health & Psychiatric Nursing, An Indian Perspective, VMG book house.
- Ahuja N. A short Text Book of Psychiatry, (Latest Edition), Jaypee Brothers Medical Publishers.
- Judith Sheila V. Lippincott Manual of Psychiatric Nursing Care plan, Williams & Wilkins, Philadelphia
- Gelder M. Oxford, Textbook of Psychiatry, New York, Oxford University Press
- WHO- ICD 10 Classification of mental & behavioural disorders, Oxford University
 Presss, Oxford

- Beck, Rawline & William, Mental Health Psychiatric Nursing- A holistic life cycle approach, C.V Mosby Company
- Neeraja, Essentials of mental health and Psychiatric nursing Jaypee Brothers Medical publishers.
- Lego, Suzanne, The American Hand book of Psychiatric Nursing, J.B. LippinCott company, Philadelphia
- Boyd Ann Mary Psychiatry Nursing Contemporary practices. Lippincott William &
 Wilkins
- Shives Rebraca Louise Basic concepts of psychiatric. Mental Health Nursing,
 Lippincott William & Wilkins
- Stuart W. Gail, Laraia T. Michele. Principles & Practice of Psychiatric Nursing, (Mosby) Elseviers
- National Mental Health Programme for India- draft
- Mental Health Act, 1987
- Schultz. Lippincott's Manual of Psychiatric Nursing Care Plans 8th Edition, Lippincott
 William & Wilkins
- Sreevani, A Guide to Mental Health and Psychiatric Nursing, Jaypee Brothers Medical publishers
- National & International Journals on Psychiatry.

MENTAL HEALTH NURSING - PRACTICAL

Placement: III Year Duration: 360 hours (9 weeks)

Areas	Dura tion (weeks)	Objectives	Skills	Assignments	Assessment methods
Psychiatric	1	-Assess	-History taking	-History	-Assess
OPD		patients with	-Perform mental	taking and	performanc
		mental	status	Mental	e with
		health	examination	status	rating scale
		problems	(MSE)	examination	-Assess each
		-Observe and	-Assist in	-5	skill with

		assist in	psychometric	-Psycho	checklist
		therapies	assessment	education-1	-Evaluation
		-Counsel and	-Perform		of psycho
		educate	neurological	Observation	education
		patient, and	examination	report of	-
		families	-Observe and	OPD	Assessment
		T Y	assist in therapies		of
	-0.	5.	-Teach patients	8	observation
	6		and family	14	report
-	e-la		members	5 0	-Completion
20			9		of activity
25					record
					-OSCE
Child	1	-Assessment	-Hi <mark>story ta</mark> king	Observation	-Assess
guidance		of children	-Assist in	report of	performanc
clinic	100	with various	psychometric	different	e with
0%		mental	assessment	therapies	rating scale
13.5		health	-Observation and	<mark>one e</mark> ach	-Assess each
4		problems	as <mark>sist in various</mark>	7	skill with
		-Counsel and	therapies	69	checklist
		educate	-Teach family and		-Evaluation
	33	children,	significant others	100	of the
		families and			observation
1		significant			report
		others.			
Inpatient	6	-Assess	-History taking	-Give care to	-Assess
ward		patients with	-Perform mental	2-3 patients	performanc
		mental	status	with various	e with
		health	examination	mental	rating scale
		problems	(MSE)	disorders	-Assess each
		-To provide	-Perform	-Case study-	skill with

		nursing care	neurological	1	checklist
		for patients	examination	-Care plan-2	-Evaluation
		with various	-Assist in	-Clinical	of the case
		mental	psychometric	presentation	study, care
		health	assessment	-1	plan, clinical
		problems	-Record	-Process	presentatio
		-Assist in	therapeutic	recording-5	n, process
	Q.	various	communication	-Maintain	recording
	. 6	therapies	-Administer	drug book	-Completion
-	4	-Counsel and	medications	1	of activity
49		educate	-Assist in Electro		record.
- 5		patients,	Convulsive		
		families and	Th <mark>erapy(</mark> ECT)		Un.
400		significant	-Participate in all		0
		others	therapies		
40			-Prepare patients		111
05			for Activities of	11	-0
13.5			Daily living (ADL)		0
4			-Conduct		77
			admission and	60	
		7	discharge		
	33	rd ara	counseling	Tel -	
			-Counsel and		
/			teach patients	1	
			and families		
Community	1	-To identify	-Identify	Observation	-Assess
psychiatry		patients with	individuals with	report on	performanc
		various	mental health	field visits	е
		mental	problems	- Special	with rating
		disorders	-Assists in mental	school for	scale
		-To motivate	health camps and	mentally	-Evaluation

	patients for	clinics	challenged	of case
	early	-Counsel and	-De addiction	work and
	treatment	teach family	Centre	observation
	and follow	members,	- Reha	report
	up	patients and	bilitat	-Completion
	-To assist in	community	ion	of activity
	follow up	0.5	centre for	record
d.	clinic		mentally ill	
. 6.	-Counsel and		based on	
	educate	100	Therapeutic	
2-1	patient,		Community.	S.
- 5	family and		-Home for	
	community		destitute	Q2
400		The same of		0

NURSING RESEARCH AND STATISTICS

Placement: III Year Theory- 50 hours

(Nursing Research-35 hours; Statistics-15 hours)

Practical - 80 hours (2 weeks)

Course Description:

This course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further structured to conduct/participate in need based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual/group research project.

Unit	Time (hrs)	Learning objectives	Content	Teaching learning activity	Assessm ent methods
		-Describe the	Research process	Lecture	Essay
1	4	concept of	• -Introduction	Discussion	
		research,	• -research- definition,		Short

		terms, need	purpose		answers
		and areas of	Steps of scientific methods		
		research in	-Characteristics of good		Very
		nursing	research		short
		-Explain the			answers
		steps of	Nursing research—		answers
		-	definition, importance of		
		research	research in nursing		
		process.	need and scope of nursing	d	
		3.00	research	1	
	140		research terminology	100	
	47		-Steps of Research process	5	
	7		Research Problem/Question		
			• Resear <mark>ch probl</mark> em-	0.	
	44		definition	0	
		1	• -sources of research		
	ed,		problem, -Identification of		
	CÚ-		problem area		
	cale		• -formulation of Problem	Lecture	Essay
	-4	Identify and	statement	Discussion	
		state the	-Criteria of a good research	Exercise on	Short
п	4	research	problem	writing	answers
	-	problems and	• - objectives- definition	statement of	
		objectives	qualities of objectives,	problems,	Very
	,	objectives	statement of objectives	objectives and	short
	-			hypothesis	answers
			-operational definition		
			• -conceptual model		
			• - hypothesis- definition,		
			types of hypothesis,		
			statement of hypothesis		
			• - ethical considerations		

			Review of Literature	Lecture	
			Review of Literature	Discussion	Essay
			-definition, purposes, types	Exercise on	
		Review the	• -Location	reviewing	Clara at
		related		one research	Short
l			• -Sources	report/	answers
III	3	literature	• -On line search: CINHAL,	article for a	
			• COCHRANE	selected	\
			- V O F	research problem.	Very
		- C. \	-Method of review	Prepare	short
		Q.	. 6	annotated	answers
		6 ·		Bibliography	
	-	4	Research approaches and	< ,	
			designs		
	400		• -Research approaches-	- 5-	
	-35				
			Qualitative and Quantitative	On.	
	40		• -Research designs-	0	Essay
		Dagarih a tha	definition, types of designs		Loody
	-4	Describe the	in quantitative and	[TT]	Ch
		research	qualitative approaches,	Lecture	Short
IV	6	approaches	• quantitative:	Discussion	answers
	ω,	an <mark>d designs</mark>	Experimental , descriptive,	.04	
	4		survey;	En.	Very
			4	~0	short
			 qualitative approaches: 		answers
		100000000000000000000000000000000000000	ethnography,		
		सव	phenomenology, grounded		
			theory,		
			advantages and		
			disadvantages		
			-		
		-Explain the	Sampling and data collection	-Lecture	Essay
		sampling	 -Definition of population, 	-Discussion	
V	10	process	Sample, sampling criteria,	-Preparation of	Short
		-Describe the	factors influencing	sample data	answers
		methods of	Sampling process, types of	collection tool.	

		data	sampling techniques	-Conduct group	Very
		collection	-Data collection methods	research project	short
			and instruments:		answers
			Methods of data collection:-		
			self report, observations,		
			record analysis and		
			measurement		
		a.5.	-data collection instruments		
		. 61	• -Validity & Reliability of	9	
		4	instruments	10	
	49		-Data collection procedure	-5	
	25		• -Pilot study		
			Analysis of data:	- 0	
	41,	Analyze,	• Data preparation,	0	Short
	_	interpret and	• Compilation,	Lecture	answers
	41	sum <mark>marize</mark>	• Tabulation,	Discussion	
VI	4	the research	• classification,	Preparation of	Very
	rg/s	data	• summarization,	sample table	short
	4		Presentation and	779	answers
			• interpretation of data.	-0	
		-Explain the	Introduction to statistics	-Lecture	
		use of statistics,	• -Definition, use of statistics,	-Discussion	Essay
		scales of	-Scales of measurement	-Practice on	
		measurement	-Frequency distribution and	graphical	Short
\/II	15	and graphical	graphical presentation of	presentations	answers
VII	15	presentation of	data	-Practice on	
		data	-Descriptive and inferential	computation of	Very
		-Describe the	statistics	measures of	short
		measures of	• -Mean, Median, Mode,	central	answers
		central	Standard deviation,	tendency,	
	•	•			

		tendency and	Normal probability and Tests	variability &	
		variability and	of significance:	correlation	
		methods of	- 'Z' test,		
		correlation	- 't' test,		
			- Chisquare test,		
			- Coefficient of		
			correlation,		
		a.5 '	Statistical packages and its		
		(C)	application	9	
		-	Communication and utilization	1,3	
	49		of research findings	-Lecture	
	3		-Communication of research	Discussion	F
			findings :	-Read/	Essay
	4	Communication	-Verbal report	Presentations of	Short
	7	and utilization	• -Writing research report-	a published/	answers
VIII	4	of research	format and style	unpublished	alisweis
	CV-	findings	• -Writing scientific article /	research report	Very
	de	illiuligs	paper	-Writing group	short
	4		-Critical review of published	research project	answers
			research	69	allowers
			• -Utilization of research		
		सर्व	findings		

Project (practical) -80 hrs (2 weeks)

Each group of 5 to 7 student will undertake a research project intended to improve patient care directly or indirectly. Project report has to be submitted for evaluation.

References:

• Polit D.F. and Beck C.T., Nursing Research: Principles and Methods, Lippincott Williams and Wilkins

- Polit .D.F. and Beck C.T., Essentials of Nursing Research- Appraising evidence for Nursing practice, Lippincott Williams and Wilkins
- Burns .N. and Susan K Groove. Understanding Nursing Research building an Evidenced Based Practice. W.B. Saunders, St. Luis.
- Wood G.L.and Haber J. Nursing research methods and Critical Appraisal for Evidenced- Based Practice. Elsevier.
- Suresh Sharma. Nursing research and statistics.
- Treece and Treece elements of Research in Nursing C.V. Mosby Company
- Kochuthresiamma Thomas. Nursing Research, V Publishers, Kottayam.
- Janet Houser, Nursing Research Reading Using and Creating Evidence. Jones and Bartlett India pvt.Ltd
- A Text book of Nursing Research. A TNAI Publication; V Publishers, Kottayam
- Rajee Reghunath. Text Book of Nursing Research. Masters Publishers, Kollam
- B.K Mahajan, Methods in Biostatistics for medical students and research workers

 Jaypee Latest edn.
- P.S.S.Sundar Rao, G Jesudian and J.Richard, An introduction to biostatistics a manual for students in Health Sciences
- Nursing Research and Statistics. Nursing Research Society of India .Pearson. Delhi
- Dr.R Bincy, Nursing Research Building Evidence for Practice, Second edition Viva
 Books Private Ltd.
- National & International Journals on Research.

FOURTH YEAR B Sc NURSING

OBSTETRIC AND GYNAECOLOGICAL NURSING

RSITY

OBSTETRIC NURSING

Placement: IV Year Theory - 100 hrs

Nursing faculty: 90 hrs

External faculty: 10 hrs

Practical: 480 hrs

Course Description:

This course is designed for students to appreciate the concepts and principles of obstetric nursing and helps them to acquire knowledge and develop attitude and beginning skills in rendering nursing care to normal and high risk pregnant women during antenatal, natal and postnatal periods in hospital and community settings. It also helps to develop skills in managing normal and high risk neonate and participate in family welfare programmes.

Unit	Time (hours)	Learning Objective	Content	Teaching learning activities	Assess ment method
	gă _i	-Appreciate	Introduction to concepts of	Or	
	+	the trends and issues	Obstetric Nursing Historical perspectives and	Lecture	
		in Obstetric	current trends	Discussio	Short answers
		nursing	Hall marks of Midwifery	n	
1	3	-Identify the legal and	 Contemporary issues in obstetrics 	Explain	Very
		ethical	Legal and ethical aspects	using	short answers
		aspects in	Role of Obstetric Nurse	slides,	
		obstetric nursing		Charts	
		Describe	Review of anatomy and	Lecture	
п	7	the	physiology of female		Essay
		anatomy	reproductive system	Discussio	

	and	Female pelvis- general	n	Short
	physiology	description of the bones,		answers,
	of female	joints, ligaments, planes of	Explain	
	reproductiv	the pelvis, diameters of the	using	Very
	e system.	true pelvis, important	charts	short
	-Discuss pre	landmarks, variation in shape	and	answers
	conception	of pelvis.	models	
	care and	• Female organs of		
	preparation	reproduction- external	7	
	for planned	genitalia, internal genital	Demonst	
40	parenthood	organs and their anatomical	rate with	
5		relations, musculature-	models,	
	-Explain	blood, <mark>supply,</mark> nerves,	objects	n
4.	conception	lymphatics, pelvic floor,		0
-	and fetal	pelvic cellular tissue, pelvic	Practice	
-4.	d <mark>evelopmen</mark>	peritoneum	sessions	111
65	t	Physiology of menstrual		-0
cub.		cycle-	-Explain)
4		Preconception care and	using	
		preparing for parenthood	charts,	
		Conception and foetal	slides&	
	सर्व	development	models	
		 Review of fertilization, 	-	
		implantation, embedding of	Demonst	
		the ovum, development of	rate with	
		the embryo,foetus and	models,	
		placenta, placenta at term,	objects	
		functions abnormalities, the	Practice	
		foetal sac, amniotic fluid, the	session	
		umbilical cord		
		Foetal circulation, foetal		
		-		

			skull, bones,		
			 Sutures and measurements 		
		Explain	Maternal, prenatal and genetic		
		maternal,	influences on development of		
		prenatal	defects and diseases		
		and genetic	 Conditions affecting the 		
		influences	mother, genetic and		
		on	infections		
		developmen	Consanguinity	1/	
	nd.	t of defects	 Prenatal nutrition and food 	100	_
-20		and	allergies.	5	Essay
- 25		diseases	 Maternal Age 	Locturo	Chart
			 Maternal drug therapy 	Lecture Discussio	Short
3	3		 Prenatal diagnosis and 	n Explain	answers,
III NF	-2		counseling	using	Very
₫. EF	-1		• Effect of radiation, drugs and	charts,	short
CC-			chemicals	slides	answers
طريء			• Infertility Spontaneous	311463	unswers
	ļ.,		abortion	7.0	
			• Neural Tube Defects and the	100,00	
			role of folic acid in lowering		
		सर्व	the risks Down syndrome		
			(Trisomy 21)		
	7		Genetic counseling	1	
			 Nurses role in minimizing 		
			threats to the developing		
			embryo and foetus		
8	3	Describe	Assessment and management	Lecture	
IV NF	-6	the	of pregnancy (antenatal)		Essay
EF-	-2	diagnosis	 Normal pregnancy 	Discussio	



	and	Physiological changes during	n	Short
	managemen	pregnancy :		answers,
	t of women	Reproductive system,	Case	,
	during	Cardio vascular system,	discussio	Very
	antenatal	Respiratory system,	n	short
	period	Urinary system,		answers
	poou	- V O F	Explain	0.1.011.010
	,51	Gastro intestinal system,	using	Assessm
	6. Yr.	Metabolic changes,	slides,	ent of
- 4	~	Skeletal changes,	charts	skills
1.5		• Skin changes,	Citalits	with
47		Endocrine system-changes of	Dunnanda	
-5		endocrine and role of	Presenta	checklist
		endocr <mark>ine syst</mark> em in relation	tion	
- 1		to reproduction		
-		Psychological changes.	Health	177
4.		Diagnosis of pregnancy:	talk	
05-		History, physical assessment,	7	
rg.h		• Confirmatory tests,	Practice	2
4		Differential diagnosis.	session	
		Foetal assessment-	69	
		• - Bio physical – foetal	Counseli	
	सार्व	movement count,	ng	
		sonography,	session	
- /		cardiotocography, NST, CST,	1	
		nipple stimulation test,	Case	
		vibroacoustic stimulation	discussio	
			n in	
		test[VAST], Manning score	clinical	
		-Biochemical- Human estriol,	area	
		Maternal serum alpha		
		fetoprotein, acetyl choline	Demonst	

· · · · · · · · · · · · · · · · · · ·	_	,
	esterase(AchE), Triple test,	ration
	Aminocentesis,	
	Cordocentesis. Chorionic	Practice
	villus	session
	sampling[CVS].Intrauterine	
	foetal therapies	Supervis
	-Radiology in obstetrics	ed
0.2	Antenatal care	clinical
. 6.	• -Objectives	practice
	• -Assessment : History and	1.0
	physical examination,	- 5
5	 Antenatal Examination, 	
	• Signs of previous child birth,	Qn.
<(• -Relationship of foetus to	0
_1	uterus and pelvis: Lie,	
4	Attitude presentation,	
CE C	position.	
في	• -Pervaginal examination	.0
4	Screening and assessment for	-75
	high risk,	69
	• Risk approach.	
सर्व	-Antenatal preparation	
	Antenatal counseling,	
/	Antenatal exercises,	
	• Diet,	
	Minor disorders and	
	management,	
	Complementary therapies in	
	obstetric practice	
	Child birth Education classes	
		I

			Husband		
			• Families		
			• Preparation for safe		
			confinement.		
			 -Psycho social and cultural 		
			aspects of pregnancy:		
		6.1	 Adjustment to pregnancy, 		
		Q.	• Unwed mother,		
	- 1	K	Single parent,	1/	
	100		 Teenage pregnancy, 	1	
	-0.00		 Sexual violence, 	- 5	
	5		• Adoption .		
		Describe	Assessment and management	Lecture	
40		the	of intranatal period	Discussio	Essay
		physiology	• - Essential factors of labour	n	1771
- 40	Ĺ.	and stages	Physiology of labour,		Short
- 0	1	of labour	mechanism of labour	Demonst	answers,
	ځي	11111	• -Management of labour:	ration	2
	4	D <mark>escribe</mark>	• First stage-	using	Very
		the	• -Physiology of normal labour,	partogra	short
		managemen	 Signs and symptoms of onset 	ph	answers
V	12	t of women	of labour –normal and	Demonst	
		during	abnormal	ration	Assessm
	/	intranatal	Duration,	using	ent of
		period	• Preparation of :	Obstetric	skills
			Labour room	maniquin	with
			• Women		checklist
			 Assessment and observation 	Case	
			of women in labour.	discussio	
			Partogram- maternal and	n/	
			- i ai togi aiii iii ateiii ai aiid	,	



	foetal monitoring	presenta
	Active management of	tion.
	labour,	
	Pain relief and comfort in	Simulate
	labour,	d
	Pharmacological and non	practice
	pharmacologic management	
0.2.	• Second stage	Supervis
. (6)	Signs and symptoms: normal	ed
-4	and abnormal	clinical
	Duration	practice
5	 Mechanism of labour 	
	Conduct of delivery:	000
40	Principles and techniques	Practice
	• Episiotomy (only if required)	session
4	Receiving the new born	
C.	Neonatal resuscitation; initial	
di.	steps and subsequent	-0
4	resuscitation, Apgar scoring	Demonst
	Care of umbilical cord	rate
	Immediate assessment	using
- व्यक्त	including screening for	episioto
	congenital anomalies	my
	Identification	simulator
	Bonding	
	Initiate feeding	
	Screening and transportation	
	of the neonate	
	Third stage	
	• Signs- and symptoms- normal	
	, , , , , , , , , , , , , , , , , , , ,	

			and abnormal		
			Duration		
			Methods of placental		
			separation, expulsion of		
			placenta and membranes		
			 Management- Principles and 		
			techniques		
		a 5 1	 Examination of perineum 		
	ı	6.	Maintaining records and	Ÿ.,	
	-4		reports	< 1	
	25		• Fourth Stage	-6.	
	-		 Vigilant observation and care 	-	
			of themother and newborn	- 0	n
		Describe			0-
		the	Assessment and management	Lecture	_
			of woman during post natal	discussio	Essay
		physiology	period.	n	25
	1-	of	Normal puerperium	1 6	Short
	GA.	puerperium.	Physiology, Psychological	Demonst	answers,
	5		phases of puerperium	ration	
		-Describe	Post natal assessment and		Very
		the	management	Health	short
VI	4	managemen	 Promoting physical and 	talk	answers
	,	t of women	emotional wellbeing		
		during post	 Management of lactation 	Practice	Assessm
		natal period	• Family dynamics after child	session	ent of
			birth		skills
			 Family welfare services, 	Supervis	with
			methods, counseling	ed	checklist
			• Follow up	clinical	
			 Records and reports 	practice	



		Describe	Assessment and management		
		the	of normal neonates		
		assessment	The normal neonate		Essay
		and	 Physiological adaptation, 	Lectures	,
		managemen	Initial &daily assessment,	discussio	Short
		t of normal	including neonatal reflexes &	n	answers,
		neonate	clinical implications		,
		0.5	• Essential newborn care	Demonst	Very
		& `	• Thermal control, Breast	ration	short
	- 1		feeding	1 1	answers
VII	4		• Prevention of infections,	Practice	
	3		immunization	session	
			• Minor disorders of newborn	-	Assessm
40	ľ.		and its management	Supervis	ent of
			• Levels of Neonatal care (level	ed	skills
40	Ĺ.		I, II & III)	Clinical	with
- 0	Y.		At primary, secondary and	practice	checklist
	بلق	11111	tertiary levels	-	9
	4		Maintenance of reports and	779	
			records	-0	
		Describe	High risk pregnancy-	Lecture	
		the	assessment & management	discussio	Essay
		identificatio	-Screening and assessment	n	
	1	n and	Newer modalities of	1	Short
VIII	23	managemen	diagnosis	Demonst	answers,
	NF-19	t of women	• -High risk approach	rate	
	EF-4	with high	-Levels of care, primary	using	Very
		risk	secondary and tertiary level	video	short
		pregnancy	-Disorders of pregnancy	films,	answers
			Hyper emesis gravidarum,	scan,	
				reports	Assessm

	bleeding in early pregnancy,	partogra	ent of
	abortion, ectopic pregnancy	ph	skills
	&vesicular mole		with
	Bleeding in late pregnancy	Case	checklist
	Ante partum haemorrhage-	discussio	
	placenta praevia	n	
_	Abruptio placenta	presenta	
0.5	-Uterine abnormality and	tion	
. 6	displacement	9	
	• -Diseases complicating	Health	
46	pregnancy-	talk	
5	 Medical and surgical 		
	conditions, infections UTI,	Practice	n
4	STD, HIV, TORCH,	session	0
	Gynecological diseases		
4.	complicating pregnancy,	Supervis	111
65	Pregnancy Induced	ed	-0
CO.	Hypertension & Diabetes,	clinical)
4	Hydramnios,	practice	
	Rh incompatibility, multiple	69	
	gestation, mental disorders,		
and	Adolescent pregnancy,		
	Elderly primi and grand		
	multipara,	\ .	
	Abnormalities of placenta &		
	cord,		
	Intra uterine growth		
	restriction,		
	 Immunology in pregnancy, 		
	Coagulation failure in		



			pregnancy,		
			 Nursing management of 		
			mothers with high risk		
			pregnancy		
			Maintenance of records and		
		Daniella.	reports		
		Describe	Abnormal Labour- Assessment		
		managemen	and Management	ø	
	-3.	t of	Disorders in labour:	Lecture	
	100	abnormal	CPD and contracted pelvis,	Discussio	
	-0.0	labour and	Mal positions and mal	n	Essay
i	3	obstetric	presentations,		LSSdy
		emergencie	• Premat <mark>ure lab</mark> our&	Demonst	Short
-0		S	premature rupture of	ration	1
	J.		membrane, disorders of		answers,
- 40	Ĺ.		uterine actions- precipitated	Case	Von
	15		labour, prolonged labour or	discussio	Very
137	ends.		dysfunctional labour,	n/	short
IX	NF-12		abnormal uterine action	presenta	answers
	EF-3		Obstructed labour	tion	
			Post maturity, Intra uterine		
		and	fetal death	Practice	Assessm
			Complications of third stage:	Session	ent of
	/		Injuries to birth canal	\ \	skills
			-Obstetrical emergencies and	Supervis	with
			their management:	ed	checklist
			 Presentation and prolapse of 	clinical	
			cord, Vasa praevia, amniotic	practice	
			fluid embolism, rupture of		
			uterus, shoulder dystocia,		
			, , , , , , , , , , , , , , , , , , , ,		



		T		T	I
			obstetrical shock, inversion		
			of uterus		
			-Obstetrical procedures and		
			operations		
			• Induction of labour, forceps,		
			vacuum, version, manual		
		- 4	removal of placenta,		
		or a.	caesarean section,		
		6.	destructive operations.	7	
			• -Nursing management of	100	
	4		women undergoing obtetrical	-5	
	5		operations and procedures		
		Describe	Abnormalities during Post natal		
40	ľ	managemen	Period		0
	į.	t of post	• -Assessment and	Lecture	Essay
400	Ĺ.	n <mark>atal</mark>	management of women with	discussio	177
	Y.	complicatio	post natal complications-	n	Short
	cali	ns	Puerperal infections, Breast	-	answers
	4		engorgement & infections,	Case	
			UTI, Thrombo- embolic	discussio	Very
	_		disorders,	n/	short
Х	4	md	Difficulties of lactation,	presenta	answers
			• Suppression of lactation,	tion	A = = = =
	-		Post- partum hemorrhage,	1	Assessm
			and sub involution.	Supervis	ent of
			-Psychological complications:	ed	skills
			 Post partum blues, Post 	Clinical	with
			partum depression, Post	practice	checklist
			partum Psychosis		



		Describe	Assessment and management		
		assessment	of high risk newborn	Lecture	
		and	-Admission of neonates in	discussio	
		managemen	the neonatal intensive care	n	
		t of the high	units.		Essay
		risk	Protocols of management	Demonst	
		neonates	• -Nursing management of low	ration	Short
		or pr.	birth weight babies-		answers,
		Ø.,	• Infections, Respiratory	Practice	
			problems	session	Very
	20		Hemolytic disorders,	- 5	short
ΧI	5		Birth injuries, Malformations.	Case	answers
			• -Monitoring of high risk	discussio	0
40	ľ		neonates	n	0
			Kangaroo mother care		Assessm
40	į.		• Feeding of high risk neonates	Presenta	ent of
	Y		• -Organization and	tion	skills
	ځي		management of neonatal		with checklist
	4		intensive care units	Supervis	CHECKIIST
			• -Infection control in neonatal	ed	
			intensive care units	clinical	
		सर्व	-Maintenance of reports and	practice	
			records		
		Describe	Pharmaco- therapeutics in	Lecture	Cla a st
		indications,	Obstetrics	Discussio	Short
		dosage,	•Indication, dosage, action,	n	answers,
XII	6	action, side	contra indication and side	Drug	Von
		effects and	effects of drugs	book	Very
		nurses	•Effect of drugs on	Drug	short
		responsibilit	pregnancy, labour &	presenta	answers



		ies in the	puerperium	tion	
		administrati	Nursing responsibilities in	Cion	
		on of drugs			
			the administration of drug in		
		used for	Obstetrics ::oxytocics, anti		
		mothers	hypertensives, diuretics,		
			corticosteroids, tocolytic		
		- A	agents, anti convulsants,		
		Q. "	anticoagulants.		
	-	0	Analgesics and Anaesthetics	1/	
	1		in Obstetrics	100	
	-		•Effects of maternal	- 5	
	35		medication on foetus and		
			neonate		n
- 40	ľ.		•Role of obstetric nurse		C
		-Appreciate	Family, Welfare programme	Lecture	
-00	C.	the	Population trends and	discussio	
	35	importance	problems in India	n	Essay
	cale	of family	Concepts, aims, importance	Demonst	
	-6-	welfare	and history of family welfare	ration	Short
		programme	programme	Practice	answers,
			National population:	session	Mam
		-Describe	dynamics, policy and	Supervis	Very
XIII	4	the	education	ed	short
		methods of	National family welfare	practice	answers
		contracepti	programme:	Group	Droinst
		on and role	National maternal and child	project	Project
		of nurse in	health services, CSSM, RCH,	Counseli	and field
		family	ICDS,BFHI,NRHM, Integrated	ng	visits
		welfare	Management of Child hood	session	reports
		programme	Illnesses[IMCI], Expanded	Field	
			programe of immunization,	visits	

		,
	Janani Suraksha Yojana	
	 National policy and 	
	legislation in relation to	
	maternal health and welfare	
	 Organization and 	
	administration: at national,	
	state, district, block and	
6.2	village levels	
. 6	Methods of contraception	
7	 Counseling for family welfare 	1 2
->	• Latest research in	5
5	contraception	
	• Role of national,	0.71
4	international and voluntary	0
	organizations	
4.	• Role of a nurse in family	
02	welfare programe	
440	• Training/ Supervision/	-17
4	Collaboration with other	-79
	functionaries in community	5-9
	like ANMs, LHVs, Anganwadi	
सर्व	workers, TBAs (Traditional	
	birth attendant Dai), ASHA	
	, A.	\ \



		Explain the	Maintenance of vital statistics		
		epidemiolog	Maternal morbidity,		
		y of	mortality and fertility rates		
		Obstetrics	Perinatal, morbidity and		
			mortality rates		
			Neonatal mortality		Short
		2.3	 Causes and preventive 	• Lectur	answers
XIV	2	Ø. 3.	measures	e	
AIV	2	6	Safe motherhood initiative	discus	Very
	100		Obstetric health care-	sion	short
	20		• Essential obstetrics care,	5	answers
	3		• Early detection of		_
			compli <mark>cation,</mark> Emergency		
40	ľ		obstetrics care[EMOC]		
			Making pregnancy safe		170
- 40	Ľ.		strategy		700

References

- Balakrishnan, Sheela, Textbook of Obstetrics, Hydrabad, Paras Publishers
- Bennett V. Ruth and Brown.K.Linda, Myles Text Book for Midwives,
 ChurchilLivingstone, London.
- Bobak and Jenson, Maternity and Gynecologic care, Mosby year Book
- Daftary Shirish.N, Manual of Obstetrics, Elsevier.
- Dawn C.S, Manual of Obstetrics and Neonatology, Dawn books, Calcutta
- Dutta.D.C, Textbook of Obstetrics , New central book agency, Calcutta
- James K David et al, High risk Pregnancy Management options, W B Saunders Elsevier
- Krishnamenon P.K, and Devi, Postgraduate Obstetrics and Gynecology., Orient Longman Ltd, Madras.
- Lowdermilk& Perry, Maternity & Women's health care, Mosby Publishers.
- Mudaliar A.L, and Menon, Clinical Obstetrics, Orient Longman Ltd, Madras.



- Padubidri,V&AnandEla, Text book of obstetrics, Newdelhi, BI Publications
- Pilliteri Adele, Maternity and Child Health Nursing, Lippincott, Newyork
- A V Raman. Reeder &Martin :Maternity Nursing, Family, Newborn and Women's Health Care. Lippincott
- SabaratnamArulkumaran et.al, Essentials of Obstetrics, Delhi , Jaypee publishers
- Trula Myers Corrieet. al, Foundations of Maternal- Newborn Nursing, W.B Saunder's Company.
- Varney Helen and Kriebs, Jan M, Varney's Midwifery. Massachusetts. Jones and Barlett publishers.
- National & International Journals on OBG Nursing.

OBSTETRIC NURSING- PRACTICAL

Placement: IV Year Time:- 480 Hours [12 Weeks]

	,				
Areas	uratio n in weeks	Objective	Skills	Assignments	Assessment method
Antena tal Ward, OPD, AN Clinic	4	Assessme nt of pregnant women	-Antenatal history taking -Physical examination -Recording of weight & B.P -Haemoglobin & Urine testing for sugar and examination abdomen and breast immunization -Assessment of risk status -Teaching antenatal mothers -Maintenance of antenatal records	- Conduct Antenatal Examinations - 30 - Case book recordings- 20 - Care study - 1 -Case presentation - Health talk- 1 drug file	-Verification of findings of antenatal examinations -Completion of case book record -Evaluation of health talk -Evaluation of care study -Clinical performanc e evaluation



	.		Γ	
	-Assess	-Assessment Woman	-Conduct	-Assessment
	woman	in labour	normal	of clinical
	in labour	-Prepare the women	deliveries- 20	performanc
	-Prepare	for labour	-Per vaginal	е
	the	-Monitoring and	examinations -	-Assessment
	woman	caring of woman in	5	of each skill
	for	labour	-Perform and	with check
	labour	-Maintenance of	suture the	lists
. %	-Conduct	partogram	episiotomies-5	-Completion
	normal	-Conduct normal	-Perform/	of case book
200	deliveries	delivery	Resuscitate -	recordings
35	-Perform	-Newborn assessment	newborns-5	
	episioto	and immediate care	-Assist with	-Instrument
Labour	my and	-Resuscitation of	Caesarean	used in
room	suture it	newborns	sections-2	Obstetric
& 3	-Assist	-Assist with abnormal	-Witness/ Assist	practice-
ed.	with	vaginal delivery	abnormal	Viva voce
ОТ	normal	-Assessment of risk	deliveries-5	-OSCE
of.	delivery	status of newborn		75
	-	-Episiotomy and	-Assist with	
	Resuscita	suturing	other surgical	
	te	-Maintenance of	procedures	
	newborn	labour and birth	- case book	
	S	records	recordings	
	-Assist	-Arrange for and assist		
	with	with Caesarean		
	caesarea	section and care for		
	n	woman & baby during	drug file	
	sections	Caesarean		
	-Assist	-Arrange for and assist		
	with	with other surgical		
L	I.	<u> </u>	<u> </u>	<u> </u>

		other	procedures		
		surgical			
		procedur			
		es			
		-Provide	-Examination and	-Give care to	-Assessment
		nursing	assessment of normal	post natal	of clinical
		care to	and high risk mother	mother and	performanc
		post	and baby	baby:	е
	. %	natal	-Identification of	-Post natal	-Assessment
	-4	mother	deviations	assessment -20	of each skill
	25	and baby	- Care of postnatal	-Health talk-1	with
-	,	-Counsel	normal and high risk	-Care study: - 1	checklists
Doot		and	mother and baby	-Case	-Completion
Post	2	teach	-Teaching post natal	presentation	of case book
natal	3	mother	mother craft	-Case book	recording
ward		and	-Post natal care &	recordings	-Evaluation
66		family for	exercises ,		of care study
		parent	Immunization	- drug file	and
,	4	hood			presentation
				6	and health
					education
		सर्व	सवन गांत्र	rerar-	sessions
			- V	1	

				Τ	
			-Admission of	- Assessment of	-Assessment
			neonates	high risk	of clinical
			-Feeding of at risk	neonate- 1	performanc
			neonates	- Care plan:	е
			-Witness/ assist with	high risk	-Evaluation
		Provide	assessment and care	neonate- 1	of
		nursing	of high risk newborn	F -	observation
		care to	-Thermal	drug file	report
	. %	newborn	management of	7	
	-4	at risk	neonates kangaroo	100	
200	24		mother care, care of		5
-			baby in incubator		
			-Monitoring and care		(h
40			of neonates		0
Newbo			-Administering		
rn	1		medication		111
nurser			-Intravenous therapy		-0
У	d.		-Assisting with	/ /	0
	4		diagnostic procedure		75
			-Assisting with	6	
			exchange transfusion		
		गार्थ	-Care of baby on	rener -	
			ventilator,		
			Phototherapy	1	
			Infection control		
			protocols in the		
			nursery		
			-Teaching and		
			counseling of parents		
			-Maintenance of		
			neonatal records		
			220		

		Cour	rsel	-Counseling	Technique	-assist wit	h IUD	Evaluation
		for	and	-Assist with	insertion	insertion	-5	of
Family		prov	ide	of IUCD		-Observati	on	observation
Welfar		fami	ly	-Teaching o	n use of	report	-	report
e		welfa	are	family	planning	Counseling	g-2	
Clinic/	1	servi	ces	methods		-Assist	with	
post	1		. 1	-Arrange for	and assist	PPS/Lapar	oscop	
natal		ø.	Α,	with family	planning	y-5		
clinic	. 6			operations		-Recording	g and	
				-Ma <mark>int</mark> enanc	e of	reporting	50	
	40			records and	reports			5-
Project		Evaluation of project						

Essential Requirements for registration as Midwife

Antenatal care	20
Antenatal examination	30
Conducting normal deliveries in hospital/ home/ health center	20
Vaginal examination	5
Episiotomy and suturing	5
Neonatal resuscitation	5
Assist with Caesarean Section	2
Witness/ Assist abnormal deliveries	5
Post natal cases nursed in hospital/home/ health center	20
Insertion of IUD	5

Note: All case books must be certified by teacher on completion of essential requirements

Assignments:

Care study : 2. (Antenatal -1, Post Natal -1)

Case Presentation : 1 (Antenatal / post natal - 1)

Nursing Care Plan : 3 (antenatal -1, postnatal -1, newborn – 1(highrisk))

Health talk : 2

Drug file Project



Obstetric and Gynaecological Nursing Record:

Antenatal -20, Intranatal -20, Post natal -20

Care study abstract- 3 (Antenatal -1, Post natal -1, Gynaec -1)

Gynec surgeries assisted / witnessed -5

GYNAECOLOGICAL NURSING

Placement: IV Year Theory: 30 Hours

(Nursing faculty: 20 hrs; External faculty: 10 hrs)

Practical: 160 Hours
Course description:

This course is designed to help the students acquire knowledge, develop attitude and beginning skills in the management of women with gynecological problems and render pre and post operation care to clients undergoing major and minor surgeries

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assess ment Method
1	(Hrs)	-Explain the concepts and principles of gynecological nursing -Appreciate the trends and issues in gynecologic nursing -Review the anatomy physiology of the female reproductive	Introduction to Gynecological Nursing - Concepts and principles of Gynecological Nursing - Trends and issues - Review of anatomy and physiology of		Short answers Very short
		system -Identify the congenital abnormalities of female reproductive system	the female reproductive system -Congenital abnormalities of female reproductive system	films, slides -Case discussion -Health education -	answers



		-Explain sexuality and	-Sexuality and	Supervised	
			,	•	
		reproductive health	Reproductive Health	clinical	
				practice	
			Gynecological		
	6 NF-4 EF-2	-Describe the gynecological assessment & the diagnostic measures -Describe the pre & post operative management of women undergoing major and minor gynecological procedures	Assessment History and Physical assessment Breast Self Examination, pelvic examination Diagnostic measures& its implications General pre and post operative management of women under going major and minor	Lecture discussion - Demonstra tion -Practice session Supervised clinical practice -Case discussion	Essay Short answers Very short answers
	-4		surgical procedures	- 05	
			Nursing management	Lecture	
		_	of patients with	discussion	Essay
		Describe the etiology,	menstrual disorders	Explain	
		pathophysiology,	tari silahari		Ch ort
		clinical manifestation,	• -Dysmenorrhea	using slides	Short
	4	diagnostic measures,	• -Amenorrhea	Case	answers
Ш	NF-2	treatment modalities	• -Premenstrual	discussion	
	EF-2	and nursing	syndrome		Very
	LI-Z		• -Abnormal Uterine		short
		management of	Bleeding:	Supervised	answers
		patients with	Menorrhagia,	clinical	
		menstrual disorders	Metrorrhagia	practice	

		• -Menopause and		
		Hormonal		
		replacement		
		Therapy		
	Describe the cause of	Infertility and		
		-	Lecture	Essay
	. 4		discussion	
	Jan 27		Explain	Short
_	9.	_	using	answers
	-1	N. atten	slides,	
200		modalities	charts,	Very
:F-1		Nursing	case	short
		<mark>man</mark> agement	discussion	answers
				0
	infertility			m
		Inflammatory diseases		200
		and Neoplasm of	-	3
3è,	Describe the etiology,	rep <mark>roductive organs</mark>	Lecture	
*	pathophysiology,	Pelvic inflammatory	40.0	Essay
	clinical manifestation,	Disease		
	diagnostic measures,	Ovarian and	•	Short
5	treatment modalities	fallopian tube		answers
NF-2	and nursing	disorders, cysts,	,	
F-3	management of	tumors, Uterine and		Very
	patients with	cervical disorders		short
	inflammatory diseases	• Endometriosis,	uiscussiuii	answers
	and neoplasms of	adenomyosis,		
	reproductive organs	polyps, fibroids,		
		cervical cancer and		
		Ì		
	IF-2	IF-2 including Assisted Reproductive Technology & the role of nurse in management of infertility Describe the etiology, pathophysiology, clinical manifestation, diagnostic measures, treatment modalities and nursing management of patients with inflammatory diseases and neoplasms of	Describe the cause of male/female infertility, investigation, treatment modalities including Assisted F-1 Reproductive Technology & the role of nurse in management of infertility Describe the etiology, pathophysiology, clinical manifestation, diagnostic measures, treatment modalities and nursing management of patients with inflammatory diseases and neoplasms of reproductive organs F-3 management of patients with inflammatory diseases and neoplasms of reproductive organs F-3 management of patients with inflammatory diseases and neoplasms of reproductive organs polyps, fibroids,	Describe the cause of male/female infertility, investigation, treatment modalities including Assisted F-1 Reproductive Technology & the role of nurse in management of infertility Describe the etiology, pathophysiology, clinical manifestation, diagnostic measures, treatment modalities and nursing treatment modalities and nursing management of patients with inflammatory diseases and neoplasms of reproductive organs Hormonal replacement Threapy Infertility and management discussion Explain using slides, charts, case discussion Explain using slides charts, case discussion Explain using reproductive organs Pelvic inflammatory diseases and Neoplasm of reproductive organs Pelvic inflammatory discussion explain using slides, charts, tumors, Uterine and case discussion Explain case discussion Explain using discussion Explain using slides, charts, tumors, Uterine and case discussion Explain using slides, charts, tumors, Uterine and case discussion Explain using discussion Explain using slides, charts, tumors, Uterine and case discussion Explain using slides, charts, and neoplasm of patients with inflammatory diseases and neoplasms of reproductive organs Pelvic inflammatory disease discussion Explain using slides, charts, and Neoplasm of reproductive organs Pelvic inflammatory disease discussion Explain using slides, charts, and Neoplasm of reproductive organs Pelvic inflammatory diseases and Neoplasm of reproductive organs Pelvic inflammatory diseases and Neoplasm of reproductive organs



			Mechanical		
		Describe the etiology,	Disturbances and		
		pathophysiology,	injuries to female		Facou
		clinical manifestation,	genital tract	Lecture	Essay
		diagnostic measures,	• Retroversion,	discussion	Chamb
	,	treatment modalities	uterine	Explain	Short
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3	and nursing	displacement	using	answers
VI	NF-2 EF-1	management of	• Cystocele/	slides,	Vomi
	EF-1	patients with	Urethrocele/	charts,	Very
	- 4	mechanical	Rectocele	case	short
	20	disturbance and	 Injuries and Trauma 	discussion	answers
	25	injuries to female	to pelvic floor		
		genital tract	• fistulas	-	P
-	ď.		• <mark>Sexual vi</mark> olence	!	0
		Describe the etiplogy	Infections of the	Lecture	
-	ď.	Describe the etiology,	female genital tract	discussion	Short
	CG-	pathophysiology, clinical manifestation,	 Venereal and non 	Explain	
	2	diagnostic measures,	venereal infections	using	answers
VII	NF-2	treatment modalities	and discharges	slides,	Very
	EF-1		 Vaginal and vulval 	charts,	short
	FL-1	and nursing management of	disorders	case	answers
		patients with genital	• Toxic shock	discussion	answers
		tract infection	syndrome	Health	
	1	tract infection	×	education	
		Describe indications,	Drugs used in	Lecture	Short
		dosage, action, side	treatment of	discussion,	answers
VIII	2	effects and nurses	gynecological	Drug book	Very
""	_	responsibilities in the	disorders	Drug	short
		administration of		Presentatio	answers
		drugs		n	



REFERENCES:

- ArulkumaranSabaratnam, Sivanessaralnan V, Essentials of Gynecology. J P Brothers
 Medical Publisher.
- Balley James and Grayson, Jane, Obstetric and Gynecological Nursing. ELBS,
 BilliereTindall
- Bobak and Jenson, Maternity and Gynecologic care. Mosby year book, INC
- Dutta. D.C, Text book of Gynecology. New central book agency, Culcutta
- Kumar, Pratap and MalhotraNarendra, Jeffcoates Principles of Gynecology. Jay Pee
 Publishers, Newdelhi
- MilleyNerman F and Avery H, Gynecology and Gynecologic Nursing. W B Saunder's
 Co, Philadelphia.
- Robbery James and Crossward Campell, Gynecological Nursing. 4thed, The CV Mosby Co, St Louis.
- Seshadri, Lakshmi. Essentials of Gynecology. New Delhi. Wolters kluwer publishers
 Lippincott Williams & Wilkins.
- National & International Journals on OBG Nursing.

GYNAECOLOGICAL NURSING -PRACTICAL

Placement: IV Year B.Sc Nursing Practical: 160 Hours [4 weeks]



uration weeks	Objectives	Skills	Assignments	Assess ment methods
	Assessment of	Assist with		Assess
	women with	Gynecological	Provide care	skills with
	gynecological	Examination	to assigned	check list
	disorders	Assist with	patients	
PD) –	T 7	diagnostic and		Evaluation
days	Provide pre,	therapeutic	Gynecological	of care
. 6	intra and post	procedures	assessment-2	study
-4	operative care	Assist with minor	Care study-1	
	to women with	and major	-	Evaluation
	gynecologic	surgical	Case	of drug
	disorders	pro <mark>cedure</mark> s	presentation-	book
		Render pre and	1	-OSCE
week		post operative		
	Counsel and	nursing care to	Drug file	Assessmen
	educate	women		t of clinical
	patient and	undergoing	/ /	performan
	families	minor and major		ce
		surgical	69	
	-	procedures		Instrument
	mrt ami	Provide	Del :	s in
	4 4 4	incidental and		Gynecologi
			1	c practice-
		patients and		Viva voce
	PD) – days	Assessment of women with gynecological disorders PD) – days Provide pre, intra and post operative care to women with gynecologic disorders week Counsel and educate patient and	Assessment of women with gynecological Examination disorders PD) - days Provide pre, intra and post operative care to women with gynecologic disorders Week Counsel and post operative care and post operative procedures Render pre and post operative operative operative surgical disorders Render pre and post operative operative operative surgical procedures Render pre and post operative ope	Assessment of Assist with women with Gynecological Examination to assigned disorders Assist with diagnostic and intra and post procedures operative care Assist with minor to women with gynecologic disorders Procedures Week Counsel and nursing care to patient and planned health education to patients and planned health education to patients and post procedures assessment-2 Care study-1 Care study-1 Care study-1 Drug file

Assignments:

Gynaecologic assessment - 2
Care study - 1
Case Presentation - 1



COMMUNITY HEALTH NURSING -II

Placement: IV year Theory -100 Hrs

Practical- 320 Hrs

Course description:

The course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concepts and principles of health and community health nursing.

Unit	Time (hrs)	Learning objectives	Content	Teaching learning Activities	Assess ment methods
1	10	Define the concepts, scope, principles and historical development of Community Health and Community Health Nursing Explain the steps of Nursing of nursing process in Community Health Nursing	INTRODUCTION: Community Health Nursing Definition& concept of Community Health Nursing Historical development of Community health Nursing- World, India Principles community health nursing Qualities of Community Health Nurse Roles & responsibilities of community health nurse Approaches to community health nursing practice- Epidemiological approach, Problem solving approach, Evidence based approach	Lecture discussion Survey Project Family Nursing process mapping Exercise on Community diagnosis	Essay Short answers Very short answers

	1			
		Application of Nursing		
		theories in Community		
		Health Nursing		
		Nursing process and		
		Application of Nursing		
		Process in Community		
		health Nursing Practice.		
	a. 5	Community Identification-		
	6	Purpose, Methods	4	
	4	community survey	(),	
200		FAMILY HEALTH SERVICES	- 3	
		• Family		
		-Definition		Un
40"		-Types -Functions		0
		Family development cycle		
- 4		-Characteristics of	Lecture	177
-		family.	discussion	25
1.5-	Explain the	• Role of Family in health		Essays
100	concept of	and illness	Writing	
- 3	family health	Objectives of family health	Nursing	Short
10	care and	care	care plan	answer
" 20	family health	Family nursing process		answe.
	nursing	Counseling in family	(:	OSCE/
	process	health care	Demon	OSPE
	process	Home visit	stration of	031 L
		- purposes,	bag	
		- principles and steps	technique	
		Public health bag		
		-uses,		
		- principles,		
		- bag technique		

			Health Planning, policies and		
			problems		
		Describe	National health planning		
		health plans,	in India and Five Year	Lecture	Essay
		policies	Plans	discussion	
Ш	6	various health	Various committees and	Panel	Short
		committees	commissions on health	discussion	answers
		and health	and family welfare	Seminar	
		problems in	National health policies	4	
		India	National population policy	1	
	400		Health problems in India	- 5	
	-5	Describe the	Delivery of health care in		
		system of	India:		n,
		delivery of	Public sector	l a d a a	0
	al I	community	-Primary health care	Lecture	[77]
	health service		-Sub centre	discussion	
	CIÉ-	in rural and -PHC		Visits to	
	U) F	urb <mark>an areas</mark>	-Hospitals/ Health centres	various health care delivery systems	7
			-CHC		Essay
		-List the	-Rural Hospitals		
IV	15	functions of	-District Hospital		Short
		various levels	-Specialist Hospitals	3ystems	answers
		of health	-Teaching Hospitals	Supervised	
	_/	workers	- Other Agencies	field	Very short
			- Railway	practice	answers
			- Defense Services	·	
		-Describe the	Health Insurance Scheme	Panel	
		alternative	Health care delivery	discussion	
		systems of	through private sector		
		health	 Indigenous Systems of 		
		Describe the	medicine		

		T		T	
		chain of	Voluntary Health agencies		
		referral system	National Health		
	-Explain the		Programmes		
		records and	• Indian Public Health		
		reports	Standards		
		maintained in	- IPHS guidelines for		
		the health	Sub centre,		
		centres	Primary health centre and	t-	
		, W	Community health centre.	4,	
	- 4	4	Organisation, staffing and	1 1	
	40		delivery of urban health	- 5	
	25		services		
			• Job descriptions of		Un.
-	00		community health		C
	1		personnel at various		
	ď.		levels.		111
	CIÉ-		Referral system		-0
	dis		• Records <mark>, reports</mark>	1)
	-4		Health Management	_ ^2	
			Information System	69	
			(HMIS)		
		337.7	Community Health Services	-Lecture	
		Evalain tha	Maternal and Child Health	discussion	Ecco.
		Explain the various	services	1	Essay
		services	Family welfare services	Supervised	Short
V	12	rendered to	Adolescent health services	field	
V	12	the	School Health Services	practice	answers
		community	Community mental health	Organize	Very short
		Community	• Care of the aged	camps	answers
			Occupational Health	And Group	answers
				Project	
I	i	1			

			Environmental health		
			Disaster management		
			Organizing clinics and		
			camps for providing		
			services to the community		
		Describe the	Assisting individuals and	-Lecture	
		activities of	groups to promote and	discussion	
		community	maintain health		
		health nurse in	A. Assessment of self and	4,	
	-	assisting	family	Demonstrati	
	-20	individuals and	• -Empower family to	on	
	3	groups to	monitor growth and		Essay
		promote and	develop <mark>ment of</mark> children,	-Supervised	U**
-	ď.	maintain their	breast self examination	field	Short
	-1	health	and examination of	practice	answers
-	ď.		testicles, urine for sugar	-Individual /	Tie-
	CI-		and albumin, Blood	group/	Very short
VI	8		pressure and blood sugar	family/	answers
	4		estimation etc	community	
			• - Health assessment of :	-Health	
			- Infant	education	
		सर्व	- Toddler	1:	
			- Preschool child		
	_/		- School child		
			- Elderly		
			- Antenatal and		
			postnatal mothers		
			B. Sensitize and handle social		
			issues affecting health of		
			family		
			Women Empowerment		

	1				
			 Women and child abuse 		
			Abuse of elders		
			• Female Feticide	-Field trips	
			 Commercial sex workers 		
		Identify the	 Alcoholism and Substance 		
		resources	abuse		
		available in	C. Utilization of community		
		the	resources for self and family		
		community	 Various Govt. Schemes for 	7/	
	-	-	the aged, widows,	1,77	
	-20		physically and mentally	- 5	
	3		challenged		_
			• Old age homes,		n.
	ď.		Orphanage, Homes for		0
	d.		physically and mentally	,	177
	ď.		challenged individuals.		700
	CIÉ-		National health programmes		
	dis		and the role of a nurse:	-Lecture	7
	4	Describe the	National ARI control	discussion	
		-Describe the	programme	1-0	F
		National	 Revised National 		Essay
		health	Tuberculosis Control	-Participate	Chort
VII	20	programmes	Programme (RNTCP)	in National	Short
VII	20	and the role of	National vector borne	health	answers
		a nurse in	disease Control programme	programes	Vom chort
		National	National Guinea worm		Very short
		health	eradication programme		answers
		programmes	National Leprosy	-Field visits	
			eradication programme		
			National STD and AIDS		
	l				



	control programme
	National Programme for
	control of blindness
	Iodine deficiency disorder
	programme
	Universal immunization
	programme
6.3	RCH and National Family
. 6	Welfare Programme
14	National water supply and
	sanitation programme
	Minimum Needs
	programme
40	• 20 point programme
	Polio Eradication: Pulse
4	Polio Programme
04	National programme for
44	prevention and control of
4	cancer,diabetes,cardio
	vascular disease, stroke
	Community Nutrition
सर्व	Programme
	ICDS programme
4	National Mental health
	programme
	NHM / NRHM and NUHM
	Integrated Management of
	Neonatal and Childhood
	Illness (IMNCI)
	National Health Policy



		Health Agencies		
		International :-		
		• WHO		
		• UNDP		
		World Bank		
		• FAO		
	2.1	• UNICEF		
	. 0. 3	• DANIDA		
	.0	Rockefeller -	7/	
	4	Foundation	100	
-	2	Red Cross	- 5	
- 23	Explain the	• USAID	Lecture	illi Fassii
	role and	• UNESCO	discussion	Essay
400	functions of	• ILO		Short
VIII	various	• CARE.	Field visits	answers
VIII.	national and	• National :-		disvers
CX-	inte <mark>rnational</mark>	Indian Red Cross		Very short
- 9	hea <mark>lth</mark>	Society	100	answers
	agencies	Indian Council for	60	
		Child Welfare		
		Family Planning		
	सव	Association of India	1:	
		Tuberculosis		
	4	Association of India		
		Hindu Kusht Nivaran		
		Sangh		
		Central Social Welfare		
		Board,		
		Bharat Sevak Samaj -		
		All India Blind Relief		



			Society.		
IX	2	Explain the concepts of health economics	 Health Economics Demand, supply & cost of health care, cost containment Family budgeting in health and illness 	Lecture discussion	Short answers Very short answers
Identify the principles and techniques of supervision		principles and techniques of	 Definition, principles, goals, methods and steps of supervision Essential qualities and responsibilities Supervisory functions of Community Health Nurse in primary health care units Training and supervision of community health workers Maintaining Staff morale Supervision of students 	Lecture Discussion Supervised field practice	Essay Short answers
ΧI	5	Describe the public health administration at centre, state and local level	 Public Health Administration Organization and administration of Health Services at Centre, State, district and local level Panchayati Raj Public Health Laws 	Lecture Discussion	Essay Short answers



			Research in Community		Short
			health nursing	Lecture	answers
		Recognize the	Need and significance,	Discussion	
		importance of	Researchable problems in		Group
VII	2	research in	community health	Group work	work
XII	2	community	Role of Community		presentati
		health nursing	Health nurse in research		on
		, Q. 3	activities	-	

References:

- Rao, Kasthuri Sundar, An Introduction to Community Health Nursing, B.I. Publications, Madras.
- Park. K. Text book of Preventive & Social Medicine, M/s Banarsidas Bhanot Publishers, GreenPark, New Delhi.
- Basavanthappa B. T. Essentials of Community Health Nursing. Jaypee Brothers Medical Publishers, New Delhi.
- Suryakantha. Community Meidicine-with Recent Advances, Jaypee Brothers Medical Publishers, New Delhi.
- Gupta M.C & Mahajan B.K. Text Book of Preventive and Social Medicine, Jaypee Brothers Medical Publishers, New Delhi.
- Gulani.K.K Community Health Nursing. Principles & practice. Kumar Publishing House, Delhi.
- Swarankar K. Community Health Nursing, N.R. Brothers, Indore.
- Neelam Kumari. A Text Book of Community HGealth Nursing-I, S.Vikas & Company, Jalandhar
- Rahim A, Princilpes and practice of community medicine. Jaypee Brother,s 2008
- Kamalam S. Essentials of Community Health Nursing Practice Jaypee Brothers, 2008
- TNAI.Public heath Manual, New DelhiLatest edition
- Stanhope M. Lancaster J. Community Health Nursing, CV Mosby Company, Latest edition
- Clark M J. Nursing in the community, Appleton and Lange, Connecticut, Latest edition
- National & International Journals on Community Medicine.

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COMMUNITY HEALTH NURSING-II

Placement-IV year BSc Nursing

Practical-320 hrs (8 weeks)

Areas	Duration (in weeks)	Objectives	Skills	Assign ments	Assess ment Methods
		-Identify	-Conducting	Communit	-Assess
		community	community health	y survey	clinical
		profile	survey	report –I	performa
	2.9	-Identify	-Formulate	Communit	nce with
	-3.	prevalent	community diagnosis	y Health	rating
	~ "	communicable	-Provide need based	Project-1	scale
-10		and non	family care	Health -	
- 5		communicable	-Home care based on	exhibition-	n
Commu		diseases in the	scientific principles	1	Evaluatio
nity	6-wks –	community	using Bag techniques	Family care	n of
under	rural	-Diagnose	-Organize and	Plan-4	communi
-Rural		health needs	conduct health	Family care	ty survey
PHC		of individual,	exhibitions/camps in	study-1	report,
i,		families and	the health centre and	Health talk-	family
	2wks -	community	community	2	care
-Urban	urban	-Plan and	-Screen antenatal	Report of	study,
Health		provide need	mothers and provide	health	
Centre	3.	based services	need based services.	assessment	Communi
		to individuals	Conduct postnatal	of various	ty
		and families.	visits, assess mother	age groups	project,
		-Organize	and baby and render		Clinic
		health camps	services		reports
		for the needy	-Motivate for family	Report of	and
		people	planning services	Field visits	
			-Participate in the	to	
			source reduction and	-Factory	

		other activities	Dist.TB	health
	-Participate in	related to the control	center	talk
	National	of communicable	-Old age	
	health	diseases.	home	-
	programmes	-Empower people to	-Panchayat	Completi
		identify the	Raj	on of
	T Y	deviations from	institution	practical
0	5.	normal health and to		record
. 6.	-Educate	seek medical aid.	Field trip to	
	individual and	- Assess clients with	-Institute	
4	family to lead	physical and mental	for rural	
3	a healthy life.	disabilities, provide	health,	
	A11	se <mark>rvices</mark>	-AIDS	Un
400		-Screen and render	control	C
	-Participate in	services to school	unit .	
4 /	school health	children and make	-agency /	[77]
02	programmes	referral as needed	Institute	-<
123	-Collect Vital	-Assist health	for	3
4	health	workers in preparing	physically	
	statistics	reports and attend	challenged	
	-Maintain	monthly conferences		
31	Records &	in the PHC	-	
	reports			
	Participate in	· ·	/	
	the			
	supervision of			
	health			
	workers			

NURSING EDUCATION

Placement: IV Year Theory – 80 hours

Practical- 120 hours

(Practice Teaching-3 hrs/ student)

Course Description:

This course is designed to help the students to develop an understanding of the principles and methods of teaching and to equip the students with the beginning skills in teaching in clinical, community health and educational settings

Unit	Time (hrs)	Learning	Content	Teaching Learning	Assess ment
		Objective		Activities	methods
	47	List the aims	Principles of education	- 5	
	5	of education	• -Meaning of education:		Essay
		Explain	• Definiti <mark>ons, ai</mark> ms,		5
40		principles of	functions& principles.		Short
		education	• -Philosophies of	7	answers
40		Rec <mark>ognize</mark>	Education&		Very short
0	ć.	the	Application of	/ /	answers
	de	e <mark>ducational</mark>	educati <mark>o</mark> nal philosophies	Lecture	7
	4	phil <mark>osophies</mark>	in nursing	Lecture	Written
		in nursing	• Education: Idealism,	Discussion	assignmen
1	12	education	Naturalism, Pragmatism,	D1300331011	ts
		Describe the	Eclectism.	a:	
		characteristic	• Review – history of		
	1	s of learning	developments of	- N	
		Explain the	nursing education in the		
		maxims of	state, national and		
		teaching	international level		
		Explain the	• -Current trends in		
		laws of	Nursing Education		
		learning	Teaching Learning		
		Explain the			

		Methods of	Process		
		Teaching	-Teaching learning		
			process		
			• -Characteristics of		
			learning		
			-Factors influencing		
		2.3	learning		
		or a.	• -Laws of learning	Ĉ.	
		6 ·	• -Principles of teaching	4,	
			• -Maxims of teaching	100	
	400		• - Role of a teacher		
	5		 -Qualities of teacher 		
		Explain the	Curriculum		40
40		principles of	• -Definition		0
_		curriculum	• -Concepts Principles of		1777
40		planning	curriculum Planning		756
- 0	Ľ.		• -Steps in curriculum	/ /	
	الق	E <mark>xplain the</mark>	development	Lecture 📠	Essay
	4	classification	• -Formulation of	Lecture	7
		of	educational objectives -	Discussion	Short
l II	15	educational	Taxonomical	Discussion	answers
"		objectives	classification of	Exercise on	
			objectives	writing	Very short
	/	List the	• -Course Planning	objectives	answers
		qualities of		,	
		educational	• -Lesson Plan		
		objective			
		Prepare unit			
		plan, lesson			
		plan			



	Demonstrate	Methods of Teaching		
	skill in	• -Lecture		
	teaching in	-Demonstration		
	all settings	• -Discussion		
	using various	• -Seminar,		
	methods and	 Symposium 		
	medias	-Panel discussion		
	. Q. 3	-Programmed Instruction	6	
	6	-Problem based learning	Lecture	Essay
-		-Microteaching	. 1.2	
-0.00		-Self instructional module	Discussion	Short
-5		 -Simulation 	Conduct 5	answers
15		-Computer assisted	Conduct 5	Vom chart
III 15		learning	teaching sessions	Very short
		-Role Play	using	answers
40		• - Field trip	different	38
GC-		• -Workshop	methods	Evaluate
di		• -Project method	and media	teaching
5		-Clinical teaching	En.	Sessions
		methods:		
		• case method,		
	33.53	 nursing rounds &reports, 	₹:	
,		bedside clinics,		
		conference (individual		
		and group),		
		process recording		
	Prepare and	Educational Media	Lecture	
IV 12	use different	Purposes & types of		Essay
	types of	A.V.Aids,	Discussion	
	educational	Edgardales cone of		Short



		media	experience principles	Demonstrati	answers
		effectively	and sources	on	answers.
		effectively		OII	Manusahant
			-Graphic aids : chalk	_	Very short
			board, chart, graph,	Prepare	answers
			poster, flash cards,	different	
			flannel graph, bulletin	teaching	
		1	board, cartoon	aids	Assess the
		. Q	• -Three dimensional aids:	projected	teaching
	-	6	Objects, specimens,	and non	aids
	- 1		models, puppets	projected	prepared
	200		 -Printed aids : pamphlets 	5	
	25		& leaflets		
			• -Projected aids:		5
40			slides, overhead		0
			projector, films TV, VCD,		
40			microscope, projectors-		111
	£.		LCD projector, DLP		
	cale		Projector, etc		ń
	-4		• -Audio aids: tape	- 1	7
			recorder, public address	69	
			system		
		md	• -Computers	ar -	
		Construct	Evaluation & Assessment	Lecture	
	1	different	• -Purpose & scope of	1	Essay
		types of	evaluation & assessment	Discussion	
		questions for	• -Criteria for selection of		Short
V	12	assessment	assessment techniques	Demonstrati	answers
		of	and methods	on	
		knowledge	• -Qualities of an		Very short
		skills and	evaluation tool,	Exercise on	answers
		attitudes		writing	

			a Dringinlag of avaluation	difforant	Accord the
			• -Principles of evaluation	different	Assess the
			and test construction.	types of	strategies
			• -Assessment of	assessment	used in
			knowledge: Essay type	tools	practice
			questions, Short answer		teaching
			question (SAQ) Multiple		sessions
		2.3	choice questions (MCQ)		and
		Ø. 3	• -Assessment of skills:	6 .	exercise
		Ø.	observation checklist,	47	sessions
	- 1		practical exam, Viva,	, 1 x	
	400		Objective structured		
	5		clinical examination		
			(OSCE)		Gr.
40			• -Assessment of Attitudes		C
			Attitude Scales		
40			• -Evaluation of the		111
	C.		course	//	-0
	ah.	Develop	Guidance & counselling		Essay
	4	basic skill of	Guidance:		7
		counselling	• Definition	Lecture	Short
		and guidance	• - Purpose,		answers
		सर्व	• scope and need	Discussion	
			• -Basic principles	Dala elevite	Very short
VI	7		Counselling:	Role play in	answers
			• -Organization of	counseling	
			counselling services	in different	Assess
			• -Types of counselling	situations	performa
			approaches	followed by	nce in role
			 -Role and preparation of 	discussion	play
			counsellor		situations

			 -Issues for counselling in nursing : students and 		
			practitioners		
		-Describe	Discipline		
		principles &	• definition,		
		types of	aims of discipline in		Short
		discipline	education,		answers
VII	7	-Identify	• principles & types,	Lecture Discussion	
		teachers role	• preventive discipline, ,	Discussion	Objective
	100	in preventive	• disciplinary procedure,	100	type
	40	discipline	• teachers role in	- 3	
	5		disciplinary problem		4.00

References

- B.Sankaranarayanan, B.Sindhu Learning and Teaching in Nursing,
 J.P Brothers NewDelhi
- Dr. A. Kurian George, Principles of curriculum development & evaluation
- Guilbert J.J. Educational Hand Book for Health Personnel, WHO publication
- Sampath K. Introduction to Educational Technology
- Heidgerken, Teaching & Learning in Schools of Nursing.
- Bhatia.K and Bhatia.B.D. Theory and Principles of Education.
- Tyler, Ralph.W. Basic Principles of Curriculum Instruction.
- J.C Aggarwal ,Essentials of Educational technology,Innovations in Teaching and Learning,2ndEdition,Vikas Publishing House, Delhi
- Patidar A B, Communication and Nursing Education. Pearson, New Delhi.
- National & International Journals on Nursing Education.



NURSING EDUCATION-

PRACTICAL-120 hrs

Areas	Duration	Objectives	Skills	Assign ments	Assess ment methods
				Project on	
Per Student		Develop	Use different	AV aids	Evaluatio
		Beginning	instructional	Preparatio	n of
Class room	1hour	skill in	methods and	n of	practice
teaching	each	classroom	media	master	teaching
(2 sessions)	Ø.,	teaching	Practice	rotation	sessions
		0.00	different	plans	
Procedure			teaching skills	Micro	
demonstrati			Follows maxims	teaching	
on	1hour		of teaching	Peer	C)
(1 session)				teaching	0
				Practice	
-4.				teaching	m



MANAGEMENT OF NURSING SERVICE AND EDUCATION

Placement - IV Year

Theory - 70 Hours

Practical -120 Hours

Course Description:

This course is designed to provide the students a basic knowledge about the principles and functions of management and its application to the nursing service and education. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

Unit	Time (hrs)	Learning objectiv es	Content	Tea chi ng lear nin g acti vity	Asses s ment meth ods
		Explain	Introduction to Management in nursing	177	
- 40		the	-Definitions, concepts Theories of	-	Essay
- 0	1	pr <mark>inciple</mark>	management, Administration Vs	-	Loody
	de	s a <mark>nd</mark>	Management Management	Lect	Short
	4	function	• -Functions of management		
	4	s of	• -Principles of management	ure	answ
I	4	Manage	 -Role of nurse as a manager 	Disc	ers
		ment	वं भवन सांखनः	ussi	Very
				on	short
	1		· ·		answ
			\		ers

Management Process Planning- Meaning, nature, principles, process, types- Organizing definition, principles, organizational structure, Organization chart Opelegation Participatory management Human resource management- staffing Manpower planning, -importance, Philosophy, objectives, Recruitment, selection, appointment Training and development, promotion Job analysis, job description, job specification Directing Definition, importance, Principles Leadership -definition, styles, functions, qualities of a Leader, Assertiveness Motivation -concepts, theories, role of a manager, morale Communication: -techniques-channels. IPR Supervision Organizational behaviour and human relations Concept, Principles and theories Group dynamics Human relations Public relations in context of nursing Relations with professional association and employee unions, collective bargaining, work culture Controlling Quality management, Quality assurance, TQM, Programme Evaluation and Review Technique (PERT), Bench Marking, Activity Plan, Gantt Chart Budgeting -concept -principles, types, cost benefit analysis, audit.
Material management -equipment and supplies Documentation- Importance, types of record and report



		Management of nursing service		
		department		
		 -Philosophy and objectives. 	Lecture	Essay
	Describe	• -Organization of the hospital,	Discussion	,
	the	nursing service department,	Demonst	Short
	Manageme	• The Nursing Service Unit.	ration	answer
	nt of	-Planning- Physical facilities, floor	Stimulated	S
	nursing	space	exercise	
	service in	-Factors affecting ward	Supervise	Very
- 4	the	management	d	short
- 5	hospital	-Time planning -weekly/daily	Practice	answe
		plan	in ward –	rs
40	-Describe	• -Patient Classification System	writing	0
	the	-Assignment of patients	indents,	Assess
-41	function of	• -Role of Head Nurse in training	Preparing	ment
III CE-1	pe <mark>rsonnel</mark>	of students, ward teaching,	duty	of
	m <mark>anageme</mark>	Anecdotal records,	roaster,	proble
	nt	 nursing rounds, nursing care 	ward	ms
		conference	supervisi	solving
	-Describe	 -Setting standards for nursing 	on	exercis
	the role of	care	Assignme	es,
	the	-nursing protocol	nt on	Assess
	administrat	-Procedure manual	duties	ment
	or in	 -Duties & responsibilities and job 	and	of the
	budget	description of various categories	responsib	assign
	preparatio	of staff	ilities of	ments
	n	 - Maintenance of supplies and 	ward	Perfor
		equipment in nursing service	sister	mance
		units	Writing	evalua
		-Evaluation of patient care	report	tion

			Nursing audit,		
			• Leadership in management of		
			nursing service		
			-Performance appraisal of all		
			categories of nursing staff,		
			 Records and reports in nursing 		
			service department		
		0.7	 Planning budget for nursing 		
	ı	6.	service	1,	
	- 40	Participate	In Service education	1	Essay
	40	in planning	Nature & scope of in-service	5	
	5	and	education program, types		Short
		organizing	 Organization of in-service 	Lecture	answe
IV	_	in service	education	Discussio	rs
10	5	education	 Principles of adult learning. 	n	
40		prog <mark>ram</mark>	Planning for in-service education		Very
0			program, techniques, methods &	7	short
	ah.		evaluation of staff education	4	answe
	4		program	///	rs
		Describe	Nursing as a Profession		
		the ethical	 -Characteristics of a professional 		Essay
		and legal	nurse		
		responsibili	 Regulatory bodies, 		Short
	_/	ties of	• I.N.C, S.N.C ,constitution,	Lecture	Answe
V	5	Explain the	functions	Discussio	rs
		nursing	 Current trends and issues in 	n	
		practice	Nursing		very
		standards	 Professional ethics 		short
		profession	• Code of ethics : INC, ICN		answe
		al nurse	• -Consumer protection act		r

• - Legal terms related to nursing practice, registration & licensing procedures • Ethical and legal responsibilities of a professional nurse, malpractice, negligence, practice standards for nursing Explain the role of the administrat or in in selection and appointme nt of staff and o - Organizational institutions • - Legal terms related to nursing procedures • Ethical and legal responsibilities of a professional nurse, malpractice, negligence, practice standards for nursing Explain the role of Nursing Educational Institutions • - Essentials of educational institutions as per I.N. C. norms For School of Nursing & College of Nursing: Organizational pattern of Educational institutions Essa
procedures • Ethical and legal responsibilities of a professional nurse , malpractice ,negligence, practice standards for nursing Explain the role of the administrat or in selection and appointme nt of staff • Ethical and legal responsibilities of a professional nurse , malpractice ,negligence, practice standards for nursing Educational Institutions • - Essentials of educational institutions as per I.N. C. norms for School of Nursing & College of Nursing : • Organizational pattern of Educational institutions Essa
Ethical and legal responsibilities of a professional nurse , malpractice ,negligence, practice standards for nursing Explain the role of the administrat or in selection selection and of Nursing & College and appointme nt of staff • Ethical and legal responsibilities of a professional nurse , malpractice ,negligence, practice standards for nursing Educational Institutions • Essentials of educational institutions as per I.N. C. norms for School of Nursing & College of Nursing : • Organizational pattern of Educational institutions Essa
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malpractice ,negligence, practice standards for nursing Explain the role of the administrat or in selection and appointme nt of staff malpractice ,negligence, practice standards for nursing Management of Nursing Educational Institutions • - Essentials of educational institutions as per I.N. C. norms for School of Nursing & College of Nursing: • Organizational pattern of Educational institutions Essa
Explain the role of the administrat or in selection and appointme nt of staff staff.
Explain the role of the administrat or in selection and appointme nt of staff Explain the role of Nursing Educational Institutions • - Essentials of educational institutions as per I.N. C. norms for School of Nursing & College of Nursing: • Organizational pattern of Educational institutions Essa
role of the administrat or in institutions as per I.N. C. norms for School of Nursing & College of Nursing: appointme nt of staff e - Essentials of educational institutions as per I.N. C. norms for School of Nursing & College of Nursing: • Organizational pattern of Educational institutions Essa
administrat or in selection and of Nursing: appointme nt of staff o - Essentials of educational institutions as per I.N. C. norms for School of Nursing & College of Nursing: Organizational pattern of Educational institutions Essa
or in institutions as per I.N. C. norms selection for School of Nursing & College and of Nursing: appointme or institutions for School of Nursing & College of Nursing: Educational pattern of Educational institutions
selection and of Nursing & College of Nursing : appointme nt of staff for School of Nursing & College of Nursing : • Organizational pattern of Educational institutions Essa
and of Nursing : appointme or Organizational pattern of Educational institutions Essa
appointme nt of staff Educational institutions Essa
nt of staff Educational institutions Essa
and • - Organization chart
students • Management of faculty Shor
-List the • -Selection and recruitment Lecture answ
VI essentials • -Orientation programme Discussio rs
of an n
educationa • -Job description Very
l institution ● -Job specification short
-Staff development answ
-Describe • -Staff welfare - leave, salary,
the role of • promotion, placement, guidance
the and supervision
Administra • -Performance appraisal
tor in • -Institutional reports and records
faculty • Administration of students
developme • -Selection and admission,
nt serestion and damission,

				_
	-Role of	-Orientation,		
	the	• -Students Health Programme		
	administrat	• -Students Welfare : Guidance		
	or in the	and counseling, Co-curricular		
	administrat	and professional activities		
	ion	 Hostel facilities – INC norms 		
	curriculum	• -Transportation facilities		
	S 6-	٠,	į.	
	Danadha	-Records and Reports	` < .	
100	-Describe	• -Transcript/C.V		
40,00	the role to	-Cumulative Record	3	
-5	the	 -Admission Register 		
	administrat		4.	
40	or in	• Administration of curriculum	0	
-	Finance	• - planning and implementing		
+1	Manageme	curriculum		
O-	nt	• -Master rotation, Clinical		
4.5		rotation	- 1	
4	-Ex <mark>plain</mark>	• -Teaching system	-01	
	the role of	-Clinical facilities	69	
	the	-Affiliation		
	administrat	• -Evaluation		
	or in	Student evaluation		
	maintainin	 Teacher evaluation 	1	
	g publicity	Course evaluation		
	of the	 -Periodical revision of the 		
	institution	curriculum		
		-Accreditation Guidelines		
		Administration of the Finance		
		 -Plan, prepare and send the 		
		- Train, prepare and send the		



References:

- Alexander etal, Nursing Service Administration, C.V. Mosby Company St. Louis ...
- Anna Hellen, Gallagher, Educational administration in Nursing, The Macmillan Company, New York.
- Barret, Jean, Ward Management and Teaching- Himalayan Books, New Delhi.
- Barret M.J. Gressner, The Head Nurse- Her leadership Role, Himalayan Books, New Delhi.
- Chatterjee S.S An introduction to management- its principles and techniques, World Press, Calcutta.
- Goddard M. Principles of Administration applied to Nursing service.
- Jogindra Vati. Principles and Practice of Nursing Management and Administration Jaypee Brothers Medical Publishers Pvt Ltd. New delhi.
- Masih Shabanam. Essentials of Nursing Management in Service and Education. Lotus publishers. Jalandhar.
- Thomas Kochuthresiamma, Nursing Management and Administration, V
 Publishers, Kottayam
- Marquis B L and Huston C J Leadership Roles and Management Functions in Nursing-Theory and Application. Wolters and Kluver, New Delhi
- Verghese C. The Nurse Administrator. New Delhi: New Age International (P) Ltd Publishers;2015.

मर्व भवन्त मोम्बन

National & International Journals on Nursing Administration.

MANAGEMENT OF NURSING SERVICE AND EDUCATION

Practical Hours-120 (3 Weeks)

Areas	Duration	Objectives	Skills	Assignments	Assess ment methods
		Perform	Preparation of	-Clinical	Evaluation
-General	3weeks	clinical	clinical rotation plan	rotation plan	of written
ward	3WEEK3	supervisio	for students	demonstration	assignment
		n of	-conducting bed	-1	-Clinical



	T				
		students	side clinic& nursing	Nursing	performan
			rounds	rounds-1	ce
		Describe	Supervision of	writing	evaluation
		the duties	students	incidental	
		and	-write incidental	report-1	
		responsibil	report	-Prepare	
		ities of	-Evaluate student	clinical	
	-0	head	performance	performance	
	. 60	nurse/war	-Appraise the duties	evaluation	
		d sister	and responsibilities	format	
4	-		of head nurse	-Shift report	
- 25			-write indents,	- indents,	
			-Prepare duty	-duty roster	Qn.
400			roaster	-duties and	0
			- conduct an	responsibilities	
-45			educational session	of head nurse	[77]
05			for in service nursing	11	-2
			personnel	/ /	i)
	L	Appraise	prepare	Prepare Prepare	Evaluation
	Two days	the duties	organization chart of	-organization	of written
Nursing	Two days	and	the hospital	chart of the	assignment
superint	morning	responsibil	describe the duties	hospital	
endent's	duty and	ities of	and responsibilities	-Day and night	
office	one night	nursing	responsibilities of	report	
-	duty	superinten	nursing		
		dent			
Observat		Appraise	Analyze role of	Report of	Evaluation
Observat		role of	nurse manager in	observation	of written
ion visit	One day	nurse	hospital	visit	assignment
to		manager			
hospital		in hospital			



Observat		Describe)	Appraise	role	of	Report	of	Eva	luation
ion visit		role	of	principal		in	observation		of	written
to		principal		managen	nent	of	visit		assi	gnment
nursing	One day	in nursi	ng	nursing	educatio	onal				
educatio	One day	educatio	n	institutio	n					
nal		al								
institutio		institutio	on	Y 0) /:-					
n	0.	5,					8.			

The concept of Health Care Counselling shall be incorporated in all relevant areas

2.7 Total number of hours

Duration of the course shall be four years. Internship integrated practice is incorporated with respective practical hours in each year.

Duration of course	Weeks
Weeks available per year	= 52 weeks
Total Vacation	= 6 weeks

a). Festival Holidays = 2 weeks

b). Public holidays = 3 weeks

c). Aft<mark>er University theory e</mark>xam = 1 week

Examination(including preparation) = 2+2 weeks

Available weeks = 42 weeks

Hours per week = 40 hours

Hours available per academic year = 1680 (42wks x 40hrs)

2.8 Branches if any with definition

Not Applicable

2.9 Teaching learning methods

As given under 2.6 - Syllabus.

2.10 Content of each subject in each year

As given under 2.6 - Syllabus.

2.11. No: of hours per subject

As given under 2.6 - Syllabus.

2.12. Practical training

As given under 2.6 - Syllabus.

2.13. Records

Proper records of practical work should be meticulously maintained.

2.14. Dissertation

Not Applicable

2.15. Specialty training if any

Not Applicable

2.16. Project work to be done if any

Clinical Assignments & projects work as given under 2.6, Syllabus.

2.17. Any other requirements [CME, Paper Publishing etc.]

Not applicable.

2.18. Prescribed/recommended textbooks for each subject

As given under 2.6 - Syllabus.

2.19. Reference books

As given under 2.6 - Syllabus.

2.20. Journals

As given under 2.6 - Syllabus.

2.21. Logbook

A logbook should be maintained.

3. EXAMINATIONS

3.1. Eligibility to appear for exams

A candidate must score minimum 50% internal marks for theory and practical separately in each subject in order to appear for university examinations.

Each candidate should put in minimum 80% of attendance in theory and clinical practicum for appearing university examination. Condonation of 10% of the attendance once in the entire course period can be granted by the Head of the Institution and the same may be communicated to the university.

Condonation of attendance: -

The principal on recommendation by the HOD / Department in charge can condone the shortage of attendance of a candidate to a maximum of 10% for a subject /

subjects (theory / practical or both) with prescribed fee once in a course period under intimation to the Controller of Examinations. In such cases the Principal shall submit a declaration that the particular candidate has not enjoyed this facility previously in the particular course. There shall be a register for recording the condonation availed in the office of Principal.

3.2. Schedule of Regular/Supplementary exams

Regular university examinations will be conducted at the end of each academic year and supplementary examinations will be conducted after regular examination once in a year. There shall be two University examinations in each academic year including regular and supplementary examinations for theory and practical.

3.3. Scheme of examination showing maximum marks and minimum marks.

A. Duration of university examination

First Year B. Sc Nursing

4. 0'-	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part -I Paper I	Anatomy	3		-
Part -I Paper II	Physiology	3	- 77	-
Part -I Paper III	Microbiology	3	149	-
Part -I Paper IV	Nutrition& Biochemistry	3	-	-
Part –II Paper I	Psychology	3	-	-
Part -III Paper I	Nursing Foundations	3	3	Yes

Second Year B. Sc Nursing

	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part -I Paper I	Sociology	3	-	-
Part –II Paper I	Medical Surgical Nursing			
	(Adult including Geriatrics)-I	3	3	Yes
	Medical Nursing including			

	Pathology					
Part -II Paper II	Medical Surgical Nursing					
	(Adult including Geriatrics)-I	3	3	Yes		
	Surgical Nursing					
Part -II Paper III	Pharmacology	3	-	-		
Part -II Paper IV	Community Health Nursing-I	3	-	-		
ERSIT HEA						
Third Year B. Sc Nursing						
-		Theory	Dractical			

Third Year B. Sc Nursing

3	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part -I Paper I	Medical Surgical Nursing			
40	(Adult including Geriatrics)-II	3	3	Yes
	Medical Surgical Nursing- II			
Part -I Paper II	Child Health Nursing	3	3	Yes
Part -I Paper III	Mental Health Nursing	3	3	Yes
Part -II Paper I	Nursing Research and	3	- //	-
5	Statistics		6-	

Fourth Year B. Sc Nursing

	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part -l Paper I	Obstetric and Gynaecological Nursing	3	3	Yes
Part -I Paper II	Community Health Nursing II	3	3	Yes
Part –II Paper I	Nursing Education	3	-	-
Part -II Paper II	Management of Nursing Service and Education	3	-	-



3.4. Papers in each year

As given under 2.4 - Course Outline

3.5. Details of theory exams

As given under 2.4., 3.3, 3.4, 3.5.

3.6. Model question paper for each subject with question paper pattern

QUESTION PAPER PATTEREN

Max. Time: 3 Hrs Max. Marks

Nursing Foundation:100

Nutrition and Biochemistry:50+25

Nursing Research and statistics:50+25

All other subjects:75

I) All Subjects with Max.marks: 75

Long Essay	1*12 marks	12 marks
Short Es <mark>say</mark>	2*7 marks	14 marks
		7 27
Short notes	5*5 marks	25 marks
Answer briefly /Differentiate/ list	3	140
the following/Give reasons	6*4 marks	24 marks
सर्व भवन्त	सांग्रान	
Total marks		75 marks

II) Nursing Foundation Max. marks: 100

Long Essay	1*15marks	15 marks
Short Essay	2*10 marks	20 marks
Short notes	5*5 marks	25 marks

Answer briefly /Differentiate/ list		
the following/Give reasons	10*4 marks	40 marks
Total marks		100 marks

III)Nutrition / Nursing Research Max.mark: 50

Short Essay	2*7 marks	14 marks
Short notes	4*5 marks	20 marks
Answer briefly /Differentiate/ List		1.74
the following/Give reasons	4*4 marks	16 marks
Total marks		50 marks

IV)Statistics: Max.marks: 25

Statistical Calculations	1*7 marks	7 marks
di di		
Short notes	6*3 marks	18 marks
		-
Total mark		25 marks
सर्व भवन	र स्रोज्यन	i:

V) Biochemistry: Max.marks: 25

		/
Short notes	2*5 marks	10 marks
Answer briefly /Differentiate list the		
following/Give reasons	5*3 marks	15 marks
Total mark		25 marks

Model Question Paper

Reg. No:
First Year B.Sc Nursing Degree Examinations, 2016 Scheme
Anatomy
Time: 3 Hrs Max. Marks: 75
Answer all questions
Draw diagram wherever necessary
Questions
Long Essays: (1×12=12)
1. Describe the classification of Joints? Describe each type with examples? Explain the
applied anatomy of Synovial Joint with suitable examples? (4+4+4)
Short Essays: (2×7 =14)
2. Draw and label the chambers and vessels of heart? Describe the interior of heart in
detail? (3 + 4)
3. Enumerate the parts of respiratory system? Explain the anatomy of lung? (4 + 3)
Write Short Notes on: (5x5 = 25)
4. Structure of Kidney.
5. Types of Cartilage
6. Structure of a neuron.
7. Ear ossicles
8. Ventricles of Brain
Answer briefly: (4x4=16)
09. List the Organs of male and female reproductive system.
10. What are the Branches of Aorta?
11. Enumerate the Pituitary Hormones
12. Enumerate the cranial nerves
Differentiate between: (2x4=8)
13. Small and large intestine
14. Systemic circulation and pulmonary circulation



Model Question Paper



First year B.sc nursing degree examinations-2016 scheme

Reg. No:	
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MICROBIOLOGY

Time: 3hrs max.marks:75

Answer all questions

Draw diagrams wherever necessary

Essay:

 Define sterilization and classify sterilizing agents. Explain in detail sterilization by moist heat. Enumerate the role of a nurse in sterilization. (1+2+6+3=12)

Short essays:

 $(2 \times 7 = 14)$

- 2. Describe the morphology, clinical features and laboratory diagnosis of cholera(1+2+4=7)
- 3. Define hospital acquired infections (HAI). Describe the various sources, routes of transmission and the common types of HAI. (1+2+2+2=7)

Short notes:

(5*5=25)

- 4. Universal precautions
- 5. Lab diagnosis of pulmonary tuberculosis
- 6. Innate immunity
- 7. Microfilaria
- 8. Candidiasis

Answer briefly: (3*4=12)

- 9. Prophylaxis of rabies
- 10. Immunization schedule
- 11. Bacterial spores

Differentiate: (3*4=12)

- 12. Live and killed vaccines
- 13. Agglutination and precipitation
- 14. Exotoxins and endotoxins



First year B.Sc. Nursing Degree Examination 2016 Sheme

Reg. No:	
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NUTRITION AND BIO CHEMISTRY

Time: 3 Hours Maximum Mark: 75

Answer all questions

Section A – NUTRITION Marks :50

Short Essay 2x7 marks 14 marks

- 1. Explain the absorption, digestion and metabolism of Carbohydrates
- 2. Explain the functions, requirements and management of Water

Write Short notes 4x5 marks 20 marks

- 1. Plan a diabetic diet for a 60 year old woman with 164 cms tall and 72 kg weight
- 2. Nutritional problems in India
- 3. Methods of preservation of nutrients
- 4. Classification of Fats
- 5. Commercial methods of food preservation

Answer Briefly 4x4 marks 16 marks

- 8. Balance Diet.
- 9. Glycemic Index
- 10. Rickets
- 11. Prepare a day's menu for a pregnant woman with hypertension

Section B – BIO CHEMISTRY Marks :25

Write Short notes; 2 x 5 = 10 Marks

- 1. How is toxic Ammonia converted to non toxic Urea? Explain the process?
- 2. Write down the normal level of Calcium? How is Calcium regulated in the body?

Answer Briefly; 2 x 3 = 6 Marks

- 3. Pellagra
- 4. Diabetic Ketoacidosis

Differentiate between; $3 \times 3 = 9 \text{ Marks}$

- 5. Essential amino acids and Non essential amino acids.
- 6. Metabolic acidosis and respiratory acidosis
- 7. Hypokalemia and Hyperkalemia



Model Question Paper

Reg. No:	
First year B.Sc Nursing Degree Examination 201	.6 Scheme
PSYCHOLOGY	
Time: 3hours Max.Marks:7	5•
Answer All Questions	
Long essay	1*12=12 marks
1. Explain body mind relationship with suitable examples.	
	4,
Short essays	2*7=14 marks
2. Describe classical conditioning with example.	
3. Explain role of nurse in psychological assessment	
Short notes	5*5=25 marks
4. Defense mechanisms	
5. Characteristics of a mentally healthy person	
6. Role of nurs <mark>e in mental health</mark>	
7. Types of pe <mark>rsonality</mark>	
8. Drive theory <mark>of motivation</mark>	79
Answer briefly	6*4=14 marks
9. Intelligent quotient	
10. Heredity and environment	
11. Errors in perception	
12. Types of aptitude	
13. Determinants of attention	
14. Factors affecting learning	

First Year B.Sc Nursing Degree Examination 2016 Scheme		
Reg. No: Time: 3 Hours Total Marks: 100		
NURSING FOUNDATIONS		
ANSWER ALL QUESTIONS		
Long Essay:		
1. Define pressure ulcer. Enumerate the common sites of pressure ulcer. State the ris		
factors of pressure ulcer. Explain the nursing interventions for the prevention of pressur ulcer. (1+3+4+7 =15)	е	
Short Essay:		
.5'		
Define catheterization. What are the indications of catheterization?Explain the nursing management of a client with continuous bladder drainage	^	
(1+4+5=10)	С.	
3. Define first aid. Enumerate the qualities of first aider. Explain the management of a clier	nt	
with food poisoning. (1+4+5=10)		
Short notes : (5x5=25)		
4 Characteristics of profession.		
5. Factors affecting pulse rate.		
6. Standard safety precautions.		
7. Nursing interventions to improve appetite		
8. Care of dead bod <mark>y</mark>		
Differentiate between the following (5x4=20)		
9. Palpation - P <mark>ercussion</mark>		
10. Injection _ Infusion		
11. Isometric exercise -Isotonic exercise		
12. Gastric gavage _ Gastric lavage		
13. Source isolation _ protective isolation.		
List down the following: (5x4=20)		
14. Four positions and its purposes.		
15. Four principles of medicine administration.		
16. Four functions of hospital.		
17. Four comfort devices and its purposes.		



18. Four values of records.

3.7. Internal assessment component

Internal marks: Calculation of internal marks shall be based on the ongoing and continuous assessment.

Theory:

Minimum three written examinations distributed throughout the year for each subject should be conducted. Average of best two examinations (University Model Exam mandatory) can be considered for the calculation of internal marks.

Marks of evaluation by other methods like assignments, seminars, projects etc. can be added to the internal marks.

Internal marks-weight age

Theory Marks	Weightage
Average of written examinations	80%
Other methods of evaluation (if any)	20%
Total	100%
Practical Marks	
Ongoing clinical evaluation	40%
Clinical Assignments	30%
Internal practical examination	30%
Total	100%

The internal marks shall be signed by the candidate before transmission to the University.

3.8. Details of practical/clinical practicum exams.

All practical examinations are to be conducted in the respective clinical areas. Facility for observation of all candidates simultaneously in the same ward / clinical area by the examiners during practical examinations is mandatory.

One internal examiner and one external examiner should jointly conduct the practical examination.

Each candidate should be evaluated for a period of three hours for practical and should undergo minimum 10 minutes viva voce separately by internal and external examiner.

Maximum number of candidates for practical examination should not exceed 15 per day

3.9. Number of examiners needed (Internal & External) and their qualifications

Qualification of the examiner

Lecturer or above in a College of Nursing with Post graduation in the concerned subject and minimum 3 years of teaching experience in the collegiate programme after obtaining PG degree is eligible for examinership. But for Nursing Foundations (I year), Nursing Research and Statistics (III year), Nursing Education (IV year) and Management of Nursing Service and Education (IV year), faculty having M Sc Nursing in any specialty shall be considered provided they have teaching experience in the above subjects and 3 years of teaching experience in the collegiate programme

3.10. Details of Viva

Distribution of marks - Theory, practical examinations & viva.

First Year B.Sc Nursing

Subject	Internal	<mark>asses</mark> sment	Univ exam	Total	
THEORY	Max. Marks	Min. Marks for pass	Max. Marks	Min. Marks for pass	marks
1. Anatomy	25	12.5	75	37.5	100
2. Physiology	25	12.5	75	37.5	100
3. Microbiology	25	12.5	75	37.5	100
4. Nutrition and Biochemistry *	(15+10) 25	12.5	(50+25) 75	37.5	100
5. Psychology	25	12.5	75	37.5	100
6. Nursing Foundations	50	25	100	50	150
7. English **	25	12.5		Α.	25
8. Introduction to computer **	25	12.5			25
PRACTICAL AND VIVA					
Nursing Foundations	50	25	100	50	150
TOTAL	275		575		850

^{*}Section-A-Nutrition-50 marks; Section B-Biochemistry-25 marks

^{*}For Nutrition & Biochemistry marks will be put together for pass.

^{**} Internal examinations only. Marks to be sent to the University

Second Year B. Sc Nursing

		ernal ssment		ersity nation	
Subject	Max. Marks	Min. marks for pass	Max. Marks	Min. Marks for pass	Total marks
THEORY					
1. Sociology	25	12.5	75	37.5	100
2. Medical Surgical Nursing (Adult including Geriatrics)-I	-		HE.		
Medical Nursing including	25	12.5	75	37.5	100
Pathology	9,0			- 2	
3 Medical Surgical Nursing				- 2	
(Adult including Geriatrics)-I	25	12.5	75	37.5	100
Surgical Nursing					500
4. Pharmacology	25	12.5	75	37.5	100
5.Community Health Nursing –I	25	12.5	75	37.5	100
PRACTICAL AND VIVA			//		22*
1. Medical Surgical Nursing					
(Adult including Geriatrics)-I	50	25	100	50	150
Medical Nursing				Co.	
Medical Surgical Nursing (Adult					
including Geriatrics)-I	50	25	100	50	150
Surgical Nursing	O.	् स्†	मान		
TOTAL	225	_	575		800

Third Year B. Sc Nursing

	Internal a	ssessment		-	Total
Subject	Max. Marks	Min. Marks for pass	Min. Max. Marks for pass 12.5 75 37.5	marks	
THEORY					
1 Medical Surgical Nursing	e 7	0.5			
(Adult including Geriatrics)-I1	25	12.5	75	37.5	100
.Medical Surgical Nursing-II			٥,	9	
2.Child Health Nursing-	25	12.5	75	37.5	100
3.Mental health Nursing	25	12.5	75	37.5	100
4.Nursing Research and	(15+10)	12.5	(50+25)	27.5	100
Statistics*	25	12.5	75	37.3	100
PRACTICAL AND VIVA					0
1. Medical Surgical Nursing					
(Adult including Geriatrics)-I1	50	25	400	5.0	150
Medical Surgical	50	25	100	50	150
Nursing- <mark>II</mark>					Ď.
2. Child Health Nursing	50	25	100	50	150
3. Mental Health Nursing	50	25	100	50	150
TOTAL	250	-/	600		850

^{*}Nursing research-50 marks; statistics-25 marks

For Nursing research & statistics marks will be put together to pass.

Fourth Year B. Sc Nursing

Cubicat	Internal assessm	ent	Univers examin	•	Total	
Subject	Max. Marks	Min. Marks for pass	Max. Marks	Min. Marks for pass	marks	
THEORY						
1.Obstetric and	25	12.5	75	37.5	100	
Gynaecological Nursing	. + 7 (12.5	/5	37.3	100	
2.Community Health Nursing-II	25	12.5	75	37.5	100	
3.Nursing Education	25	12.5	75	37.5	100	
4.Management of Nursing Service and Education	25	12.5	75	37.5	100	
PRACTICAL AND VIVA	40			-		
1.Obstetric and Gynaecological Nursing	50	25	100	50	150	
2.Community Health Nursing-	50	25	100	50	150	
TOTAL	200		500	- 2:	700	

4. INTERNSHIP

4.1. Eligibility for internship

Not applicable.

4.2. Details of internship Training

Not applicable.

4.3. Model of Internship Mark lists

Not applicable.

4.4. Extension rules

A candidate must have minimum 80% attendance in both theory and practical separately in each subject for appearing the university examinations.

A candidate shall complete 100 % attendance in each of the practical area before the award of degree.

4.5. Details of Training given

Not applicable.

5. ANNEXURES

5.1. Check Lists for Monitoring

Log Book, Seminar Assessment etc. As given under 2.6- syllabus.

5.2. Template for Dissertation

Not applicable

5.3. Template for Mark List showing Maximum & Minimum

Name of the Candidate:

Reg.No:

Name of College:

Name of Course: B.ScNursing

Examination: First Year B.Sc Nursing Degree Regular/Supplementary Examination

Month & Year of Examination:

Date of Publication:

_		3				P	ractica	I &		<u>+</u>		
Paper	Subje	ect	Max	Min	Awar ded	Max	Min	Awar ded	Ma x	Min	Awar ded	Result
	A	IA	25	12.50		-	-	-				
1	Anatomy Physiology Microbiology Nutrition& Biochemistry Psychology Nursing Foundations *English * Introduction to Computer	University	75	37.50		-	-	-	100	50		
	Di Calan	IA	25	12.50		-	- 1	-				
2	Physiology	University	75	37.50		-	-	-	100	50		
	N 4 i a va la i a la a v	IA	25	12.50		-		-		-0		
3		University	75	37.50		-	-	-	100	50		
	Nutrition&	IA	25	12.50		-	-	-	6			
4	B	University	75	37.50			-	-	100	50		
	Developed a serv	IA	25	12.50		-	-	-				
5	Biochemistry Psychology	University	75	37.50	1 3	1-1	731	T -	100	50		
	Nursing	IA	50	25.00		50	25					
6	Foundations	University	100	50.00		100	50		300	150		
	*English	IA	25	12.50	1	-	-	-				
7	English	University	ı	-		-	-	-	25	12.5		
	* Introduction	IA	25	12.50		-	-	-				
8		University	-	-	-	-	-	-	25	12.5		
Gra	nd Total				I	1			850	425		
Gra	nd Total in Wo	rds										

IA - Internal Assessment, A - Absent, P - Passed, F - Failed

End of Mark Statement



^{*}No UniversityExamination

Name of the Candidate:

Reg.No:

Name of College:

Name of Course: B.ScNursing

Examination: Second Year B Sc Nursing Degree Regular/Supplementary Examination

Month & Year of Examination:

Date of Publication:

Pap	Subject	ect <u>Theory</u> <u>Practical Control of the Practical Control of the Practic</u>					tical	Total	•	Result		
er	66.5			MaxMin Awa		Max	Min	n Awar	Max	Min A	Awar	
Ci					rded		0	ded	ć .		ded	
1	Sociology	IA	25	12.5		-	_	-	100	50		
	-2-									-		
	9	University	75	37.5		-	-	-		Un.		
	Medical	IA	25	12.50		50	25			6		
2	Nursinginclud	University	75	37.50		100	50		250	125		
	ing Pathology		٠.							[77]		
	CI.	IA	25	12.50		50	25					
3	Surgical Nurs <mark>ing</mark>	University	75	37.50		100	50		250	125		
		IA	25	12.50			-		- 47	7		
4	Pharmacology	University	75	37.50			-	-	100	50		
		IA	25	12.50		-	-	_				
5	Community	University	75	37.50		-	_	-	100	50		
	Health Nursing	गय म	4.	٦,	44	T	H-	1				
Gran	nd Total								800	400		
Grar	nd Total in Words											

IA - Internal Assessment, A - Absent, P - Passed, F -Failed

End of Mark Statement---

Name of the Candidate:	Reg.No:

Name of College:

Name of Course: BSc

Nursing

Examination: Third year BScNursing Degree Regular/Supplement

Month & Year of Examination: Date of Publication:

		6		Theor	У		Pract	ical		Total		
Paper	-7	Subject		-	Award				p.		Awarde	Result
	-0.75		Max	Min	ed	Max	Min	Awarded		Min	d	
	Medical Surgical	IA	25	12.50		50	25			un.		
1	Nursing II	University	75	37.50		100	50		250	125		
	Child Health Nursing	IA	25	12.50	•	50	25	1		20		
	ish ,	University	75	37.50	٨.	100	50		250	125		
2	Mental Health	IA	25	12.50		50	25		69			
	Nursing	University	75	37.50		100	50		250	125		
	Nursing Research&	IA	25	12.50	77.		43	1-1:				
4	Statistics								Ν.			
		University	75	37.50			_	-	100	50		
		Grand Tot	al						850	425		
			Grand	l Total	in Wor	ds			-		-	

IA - Internal Assessment, A - Absent, P - Passed, F - Failed

--- End of Mark Statement ---

Name of the Candidate:

Reg.No:

Name of the College:

Name of the Course: B. Sc. Nursing

Name of Examination: Fourth Year B. Sc. Nursing Degree Regular/Supplementary

Examination - Month & Year of Examination:

Date of Publication of Result:

			, 1	Ť	-0	Practic	al 8	& Viva				
SI.No	Subjects		Theor	у	Voce				Resu			
•	76.7		May	D 4 i o	Awar	Nav	Min	Awarde	May	Min	Awarde d	lt
	Paper		Max	Min	ded	Max	Min	d	Max	IVIIN	a	
	Obstetrics & Gynecological	IA	25	12.50	П	50	25			3-		
	Nursing		1							U		
1	40)	University	75	37.50		100	50		250	125	5	
	Community	IA	25	12.50		50	25					
2	Health Nursing II	University	75	<mark>37.50</mark>		100	50		<mark>250</mark>	125		
	Nursing	IA	25	12.50		7				0		
3	Education	University	75	37.50		100	50		100	50		
	Management of Nursing	IA	25	12.50		-	-		100	50		
	Service &Education	University	75	37.50	Ħ	स्	73	- 1:				
	IV	Year Tota			1				700	350		
Total	Marks Award	ed in I Yea	r :	-					850	425		
	11	II Yea	r:						800	400		
	11	III Ye	ar:						850	425		
	GF	RAND TOTA	AL(I,II,	III & IV	year)				3200	1600		
	(Grand Tota	al in W	ords:						I	1	1

IA - Internal Assessment, A - Absent, P - Passed, F - Failed

--- End of Mark Statement ---