

**Units of Syllabus to be included in Section - A and Section – B Question Papers of
UTU Examination as per INC & UTU Syllabus.**

I Year P. B. B. Sc. (N)

Paper –Medical Surgical Nursing (030150108)

Section – I

Unit	Learning Objectives	Hrs.	Marks	Remark
I	<ul style="list-style-type: none"> -Introduction to medical Surgical nursing. - Review of concept of comprehensive nursing care in medical surgical conditions. - Nurse, patient and his/her family. - Function of nurse in the outpatient department. - Intensive care unit. - Nursing management of patient with specific problems. <ul style="list-style-type: none"> * Fluid and electrolyte imbalance. * Dyspnea and cough, respiratory obstruction * Fever * Shock * Unconsciousness * Pain * Acute illness * Chronic illness * Terminal illness * Age related illness * Patient under going surgery * Incontinenc 	14	12	
II	<ul style="list-style-type: none"> - Nursing management of patient with neurological and neuro-surgical condition. - Review of anatomy and physiology of the nervous system. - Pathophysiology, diagnostic procedures and management of: <ul style="list-style-type: none"> * Cerebro – vascular accident. * Cranial, Spinal and peripheral neuropathies. * Head – ache and intractable pain * Epilepsy * Infectious and inflammatory diseases and trauma of the Nervous System. * Common disorders of the system. * Recent advances in diagnostic and treatment modalities. * Drugs used in these disorders. * Tumors of brain & spinal cord, congenital malformations, degenerative disease - Nursing management of patient with cardiovascular problems. - Review of relevant anatomy and physiology of cardio vascular system. - Pathophysiology, diagnostic procedures and management of : <ul style="list-style-type: none"> * Ischemic Heart diseases. * Cardiac arrhythmias. * Congestive heart failure. * Rheumatic and other valvular heart disease * Endocarditis, cardiomyopathies, congenital heart disease, hypertension, heart block. * Cardiac emergencies: cardiac arrest, acute 	16	13	

	pulmonary oedema , cardiac tamponade, cardiogenic shock aneurysms and peripherovascular disorders , recent advancement in cardiology.			
III	<ul style="list-style-type: none"> - Nursing management of patient with respiratory problems. - Review of anatomy and physiology of respiratory system, pathophysiology, diagnostic procedures and management of upper respiratory tract infections. <ul style="list-style-type: none"> * Bronchitis * Asthma * Emphysema, Empyema, Atelectasis, COPD * Pneumonia * Pulmonary tuberculosis * Lung abscess * Plural effusion * Pleural effusion * Tumours and Cysts * Chest injuries * Respiratry arrest and infufficiency * Pulmonary embolism * Drugs used in the management of these patients * Special respiratory therapies. - Nursing management of patients with problems of the digestive systems. - Review of anatomy and physiology of gastrointestinal system and accessory organs. - Pathophysiology, diagnostic procedures and management of <ul style="list-style-type: none"> * G.I. Bleeding * Peptic ulcer * Infections * Acute abdomen * Colitis, Diarrhoea, dysentery & mal – absorption syndrome. * Cholecystitis * Hepatitis, hepatic coma and cirrhosis of liver * Portal hypertension * Pancreatitits * Tumors, hernias, fistulas, fissures, hemorrhoids. - Drugs used in the management of these patients. 	16	13	
		46	38	

Note:

Unit I – Includes Unit – I & II of INC Syllabus.

Unit II - Includes Unit – III & IV of INC Syllabus.

Unit III - Includes Unit – V & VII of INC Syllabus

Section – II

Unit	Learning Objectives	Hrs.	Marks	Remark
I	<ul style="list-style-type: none"> - Nursing management of patients with genitio – urinary problems. - Review of anatomy and physiology of the genito-urinary system <ul style="list-style-type: none"> * Nephritis * Renal calculus * Acute renal failure * Chronic renal failure * End stage renal disease - Special procedures, dialysis, renal transplant - Drugs used in management of these patients - Congenital disorders, urinary infections. - Benign prostate hypertrophy. - Nursing management of patients with endocrine problems. - Review of anatomy and physiology and patho-physiology of patients with <ul style="list-style-type: none"> * Thyroid disorders * Diabetes mellitus * Diabetes insipidus * Adrenal tumour * Pituitary disorders * Diagnostic Procedures - Nursing management of patients with above problems. - Drugs used in endocrine problems. - Nursing management of patients with musculoskeletal problems. - Review of anatomy and physiology and patho-physiology <ul style="list-style-type: none"> * Arthritis, osteomyelitis, bursitis, * Fractures, dislocation and trauma * Prolapsed disc * Osteomalacia and osteoporosis * Tumor * Amputation - Diagnostic procedures - Nursing Management of patients with above problems. - Prosthesis and rehabilitation. - Transplant & replacement surgeries. 	15	12	
II	<ul style="list-style-type: none"> - Nursing management of patients with disorders of female reproductive tract - Disorders of menstruation - Infections of the genital tract - Benign and malignant tumors of the genital tract - R. V. F., V. V. F - Climateric changes and associated problems. - Nursing management of patients with oncological disorders. - Types of neoplasms and related pathophysiology. - Diagnostic procedures - Modalities of treatment and nurse's role. - Social therapies.- chemotherapy and radiotherapy - Preventive measures, other therapies. 	16	14	

	<ul style="list-style-type: none"> - Nursing management of patients with burns. - Nursing management of patients with reconstructive surgeries - Nursing Management of patients with common communicable diseases & STD'S - Nursing management of patients with immunological disorders including HIV/AIDS 			
III	<ul style="list-style-type: none"> - Nursing management of patients with diseases of eye, ear, nose, throat & skin. - Nursing management of patients with blood disorders. - Review of anatomy and physiology of blood products. - Patho – physiology, diagnostic procedures and blood disorders - <ul style="list-style-type: none"> * Anemia * Leukemia * Bleeding disorders * Hemophilia * Purpura etc. - Blood transfusion, safety checks, procedures and requirements, management of adverse transfusion reaction, records for blood transfusion. - Management and counseling of blood donors, phlebotomy procedure, and post donation management. - Blood bank functioning and hospital transfusion committee. - Bio-safety and waste management in relation to blood transfusion. - Nursing in emergencies - Cardiac emergencies - Trauma - Poisoning - Crisis management: Thyroid crisis, Hypertensive crisis, adrenal crisis. 	13	11	
Total		44	37	

Note:

Unit I – Includes Unit – VI, VIII & IX of INC Syllabus.

Unit II - Includes Unit – X, XI, XII & XIII of INC Syllabus.

Unit III - Includes Unit –XIV, XV & XVI of INC Syllabus.