

Syllabus for Lecturer(MCON) Examination, 2016 under Health & Family Welfare Department

SUBJECTS

1. General English (Common Paper)

- (i) Paper I 100 Marks
- (ii) Paper II..... 100 Marks

2. Technical Paper

- (i) Medical Surgical Nursing
 - (a) Paper I 200 Marks
 - (b) Paper II 200 Marks
 - (c) Paper III (Common paper)..... 200 Marks
- (ii) Mental Health Nursing
 - (a) Paper I 200 Marks
 - (b) Paper II 200 Marks
 - (c) Paper III (Common paper)..... 200 Marks
- (iii) Obstetric and Obstetrical Nursing/Gynaecological Nursing
 - (a) Paper I 200 Marks
 - (b) Paper II 200 Marks
 - (c) Paper III (Common paper)..... 200 Marks

General English Paper - I (3 hours duration)

ESSAY TYPE

(Full Marks : 100)

- (a) Essay Writing 25 Marks
- (b) Précis Writing..... 15 Marks
- (c) Letter Writing 15 Marks
- (d) Idioms & Phrases 14 Marks
- (e) Expansion of passages..... 15 Marks
- (f) Comprehension of given passages 16 Marks

General English Paper - II (2 hours duration)

OBJECTIVE TYPE (MCQ)

(Full Marks : 100)

- (a) Grammar : 40 Marks
Parts of Speech, Nouns, Adjective, Verb, Adverb, Preposition, etc.
- (b) Composition30 Marks
 - i) Analysis of complex and compound sentences*
 - ii) Transformation of sentences*
 - iii) Synthesis of sentences*
- (c) Correct usage and vocabularies 30 Marks

**MEDICAL SURGICAL NURSING
SPECIALITY – I**

Full Mark – 200.

UNIT	MARK	CONTENT
I	5	<p>Introduction:</p> <ul style="list-style-type: none"> • Historical development of Medical- Surgical Nursing in India. • Trends & issues in Medical – Surgical Nursing. • Ethical & cultural issues in Medical – Surgical Nursing. • Rights of patients.
II	20	<p>Health Assessment of patients:</p> <ul style="list-style-type: none"> • History taking. • Physical examination of various systems. • Related investigations and diagnostic assessment. • Nursing care using Nursing process approach. <p>Care in hospital settings:</p> <ul style="list-style-type: none"> • Ambulatory care. • Acute and Critical care. • Long term care. • Hospitalization- effects of hospitalization on the patient & family.
III	30	<p>Management of patients with disorders of Gastro intestinal tract:</p> <ul style="list-style-type: none"> • Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis., investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow up.
IV	20	<p>Management of patients with disorders of nervous system excluding cancers:</p> <ul style="list-style-type: none"> • Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.
V	30	<p>Management of patients with disorders of respiratory system:</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment- History taking, physical examination, investigations and diagnostic assessment. • Treatment modalities and trends.

		<ul style="list-style-type: none"> • Nursing management.
VI	15	Management of patients with disorders of vascular system: <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.
VII	30	Management of patients with disorders of blood: <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.
VIII	30	Management of patients with disorders of genitor urinary system: <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.
IX	20	Management of patients with disorders of musculo-skeletal system: <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.

MEDICAL SURGICAL NURSING
SPECIALITY – II **Full Marks =200**

UNIT	MARK	CONTENTS
I	25	<p>Cardiac disorders,Surgery and nursing management:</p> <ul style="list-style-type: none"> • Etiology, clinical manifestations, diagnosis, prognosis, related pathophysiology and nursing management of: <ul style="list-style-type: none"> ✓ Coronary Artery Disease. ✓ Angina of various types. ✓ Cardiomegaly. ✓ Myocardial Infarction, Congestive cardiac failure. ✓ Heart Failure, Pulmonary Edema, Shock. ✓ Rheumatic heart disease and other Valvular Diseases. ✓ Inflammatory Heart Diseases, Infective Endocarditis, Myocarditis, Pericarditis. ✓ Cardiomyopathy, dilated, restrictive, hypertrophic. ✓ Arrhythmias, heart block. <p>Associated illnesses.</p>
II	30	<p>Pharmacology:</p> <ul style="list-style-type: none"> • Pharmacokinetics. • Analgesics/ Anti inflammatory agents. • Antibiotics, antiseptics • Drug reaction & toxicity. • Drugs used in cardiac emergencies • Blood and blood components <ul style="list-style-type: none"> ✓ Antithrombolytic agents ✓ Inotropic agents ✓ Beta-blocking agents ✓ Calcium channel blockers. ✓ Vaso constrictors ✓ Vaso dilators. ✓ ACE inhibitors. ✓ Anticoagulents ✓ Antiarrhythmic drugs. ✓ Anti hepertensives. ✓ Diuretics. ✓ Sedatives and tranquilizers. ✓ Digitalis. ✓ Antilipemics. • Principles of drug administration, role and responsibilities of nurses and care of drugs.
III	30	<p>Intensive Care Unit Quality assurance.</p> <ul style="list-style-type: none"> ✓ Standards, Protocols, Policies, Procedures. ✓ Infection control; Standard safety measures ✓ Nursing audit ✓ Design of ICCU/ICTU

		<ul style="list-style-type: none"> ✓ Staffing; cardiac team. ✓ Burn out syndrome • Nurse's role in the management of I.C.C.U and ICTU <p>Oxygen delivery systems.</p> <ul style="list-style-type: none"> • Nasal Cannula • Oxygen mask, Venturi mask. • Partial rebreathing bag. • BI-PAP and C-PAP masks. • Uses, advantages, disadvantages, nursing implications of each. <p>Mechanical Ventilation</p> <ul style="list-style-type: none"> • Principles of mechanical ventilation. • Types of mechanical ventilation and ventilators. • Modes of ventilation, advantage, disadvantages, complications. • PEEP therapy, indications, physiology, and complications. • Weaning off the ventilator. • Nursing assessment and interventions of ventilated patient. • Rehabilitation and follow-up.
IV	20	<p>Management of patients with disorders of integumentary system:</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.
V	25	<p>Management of patients with disorders of Eye and ENT:</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.
VI	30	<p>Management of patients with disorders of endocrine system:</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Disorders- etiology, patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Rehabilitation and follow-up.
VII	20	<p>Emergency Nursing:</p> <ul style="list-style-type: none"> • Trige, Trauma, burns, poisoning, bites

		<ul style="list-style-type: none"> • Health assessment-History taking, physical examination, investigation and diagnostic assessment. <ul style="list-style-type: none"> ✓ Treatment modalities and trends. • Nursing management • CPR-BLS and ALS <ul style="list-style-type: none"> ✓ Rehabilitation and follow-up.
VIII	20	<p>Oncology: Assist with diagnostic procedures Assist with therapeutic procedures and Nursing management: Chemotherapy, Radiotherapy, Stomal therapy, hormonal, immunotherapy ,gene therapy. Palliative care,</p>

PAPER III (Common Paper)**Full Mark= 200****PART - A NURSING EDUCATION***Full Mark – 40.*

UNIT	MARK	CONCEPT
1	8	INTRODUCTION : Definition, aims, concepts, professional education, current trends and issues
2	8	TEACHING - LEARNING PROCESS : Definition, concepts, aims and objectives. Lesson plan, instructional methods
3	8	MEASUREMENT, EVALUATION AND TESTS : Definitions, formative & summative assessment. Essay, Short answer Question, Multiple choice question DSCE/OSPE
4	8	GUIDANCE AND COUNSELING : Concepts, principles and techniques and problems
5	8	CURRICULUM DEVELOPMENT : Definition, process & steps. Master plan, course plan and unit plan

PART - B : ADVANCED NURSING*Full Mark – 40.*

UNIT	MARK	CONCEPT
1	10	NURSING AS A PROFESSION : Definitions, History of development of Nursing Global and National. Code of ethics, code of professional conducts, quality assurances in nursing
2	8	THEORIES OF NURSING : Nightingale's, Handerson's, Peplaus, Abdella's, Orem's
3	12	NURSING PROCESS APPROACH : Health assessment, nursing care plan, diagnosis, implementation and evaluation
4	10	NURSING PRACTICE : Scope, trends, extended & expanded role of nursing, Gender issues and woman empowerment, Disaster Nursing, Geriatric, evidenced base nursing
5	8	CURRICULUM DEVELOPMENT : Definition, process & steps. Master plan, course plan and unit plan

PART C – NURSING RESEARCH & STATISTICS *Full Mark – 40.*

UNIT	MARK	CONCEPT
1	15	INTRODUCTION : Definitions, Characteristics, types of research, Research problems
2	15	Sampling, tools and methods of data collections, analysis and interpretation
3	10	STATISTICS : Definitions, uses, purposes measures of central tendency, measures of variability and testing of hypothesis

PART D : NURSING ADMINISTRATION *Full Mark – 30.*

UNIT	MARK	CONCEPT
1	4	INTRODUCTION : Definition, meaning, scope and principle
2	6	PLANNING, ORGANISING, DIRECTING & CONTROLLING : Concepts, types, Principles, Definitions
3	5	LEADERSHIP : Concepts, types, styles effective leader, critical thinking & decision making
4	5	MATERIAL MANAGEMENT : Concepts, Principles, VED (Very important & essential Daily use), ABC analysis, Inventory Control
5	10	LEGAL AND ETHICAL ISSUES : Definitions, Legal issues in nursing – negligence malpractice, invasion of privacy, torts, battery, patients' rights, infection control

PART E - APTITUDE TEST (50 Marks)

(a) Numerical And Figurework Tests: (15 Marks)

These tests are reflections of fluency with numbers and calculations. It shows how easily a person can think with numbers. The subject will be given a series

of numbers. His/Her task is to see how the numbers go together to form a relationship with each other. He/She has to choose a number which would go next in the series.

(b) Verbal Analysis And Vocabulary Tests: (15 Marks)

These tests measure the degree of comfort and fluency with the English language. These tests will measure how a person will reason with words. The subject will be given questions with alternative answers, that will reflect his/her command of the rule and use of English language.

(c) Visual And Spatial/3-D Ability Tests: (10 Marks)

These tests are used to measure perceptual speed and acuity. The subject will be shown pictures where he/she is asked to identify the odd one out; or which comes next in the sequence or explores how easily he/she can see and turn around objects in space.

(d) Abstract Reasoning Tests: (10 Marks)

This test measures the ability to analyse information and solve problems on a complex, thought based level. It measures a person's ability to quickly identify patterns, logical rules and trends in new data, integrate this information, and apply it to solve problems.

MENTAL HEALTH NURSING

PAPER 1
FULL MARK = 200

UNIT	MARK	CONTENTS
I	20	MENTAL HEALTH AND MENTAL ILLNESS:- <ul style="list-style-type: none"> . Mental health laws /acts . National Mental health programmed and policy . Human rights of mentally ill . Classification of mental illness – ICD-10, DSM . Examination of Psychiatric patient
II	26	CONCEPTS OF PSYCHOLOGY:- <ul style="list-style-type: none"> . Nervous system . Neuro-endocrinology . Genetics . Neuro-psychiatric disorder
III	24	CONCEPTUAL MODELS OF PSYCHIATRIC CARE:- <ul style="list-style-type: none"> . Psycho-analytic model . Inter-personal model . Existential model . Behavioural model . Communication model . Social model
IV	20	STRESS, CRISIS AND ITS MANAGEMENT:- <ul style="list-style-type: none"> . Stress and Crisis reactions/responses . Phases in the development of crisis . Psychological adaptation to stress . Stress and Crisis management
V	20	PREVENTIVE MENTAL HEALTH NURSING:- <ul style="list-style-type: none"> . Concepts of primary prevention of mental illness . Assessment of vulnerable groups . Planning and implementing strategies- <ul style="list-style-type: none"> - Health education - Environmental change - Supporting social system - Working with groups

VI	20	<p>THEORIES OF PERSONALITY DEVELOPMENT AND RELEVANCE TO NURSING PRACTICE:-</p> <ul style="list-style-type: none"> . Psychoanalytic theory-Freud's . Inter-personal theory-Sullivan's . Theory of Psychosocial Development- Erickson's . Cognitive Developmental theory
VII	20	<p>THERAPEUTIC NURSE - PATIENT RELATIONSHIP:-</p> <ul style="list-style-type: none"> . Facilitative in communication . Responsive dimensions . Action dimensions . Barrier s in communication . Effective nurse - patient relationship
VIII	40	<p>THERAPIES IN PSYCHIATRY:-</p> <ul style="list-style-type: none"> . Pharmacotherapy . Physical therapies . Behavioral therapy . Psychotherapy . Occupational therapy . Milieu therapy . Group therapy . Family therapy
IX	10	<p>ALTERNATIVE SYSTEM OF MEDICINE IN MENTAL HEALTH:-</p> <ul style="list-style-type: none"> . Yoga . Unani . Herbal medicine . Diet and nutrition

MENTAL HEALTH NURSING

PAPER- II

FULL MARK = 200

UNIT	MARK	CONTENTS
I	10	<p style="text-align: center;">ASSERTIVE TRAINING :-</p> <ul style="list-style-type: none"> . Assertive and non-assertive behavior . Assertive communication . Techniques that promote assertive behavior . Thought-Stopping techniques
II	20	<p style="text-align: center;">PSYCHOSOMATIC DISORDERS :-</p> <ul style="list-style-type: none"> . Sexual disorders . Psychosomatic disorders . Psychiatric aspects of AIDS and Cancer . Eating disorders . Sleep disorders
II	25	<p style="text-align: center;">MENTAL & BEHAVIORAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE:-</p> <ul style="list-style-type: none"> . Alcohol . Opioids . Cannabinoids . Stimulants
IV	20	<p style="text-align: center;">ORGANIC BRAIN DISORDERS</p> <ul style="list-style-type: none"> . Delirium . Dementia . Epilepsy . Amnesia . Alzheimer disease
V	20	<p style="text-align: center;">SCHIZOPHRENIA AND OTHER PSYCHOTIC DISORDERS:-</p> <ul style="list-style-type: none"> . Nature of the disorder . Predisposing factors . Types . Treatment and nursing management
VI	20	<p style="text-align: center;">MOOD DISORDERS:-</p> <ul style="list-style-type: none"> . Nature of the disorder . Predisposing factors . Types . Treatment and nursing management
VII	25	<p style="text-align: center;">ANXIETY DISORDERS:-</p> <ul style="list-style-type: none"> . Epidemiological statistics . Types . Treatment modalities and nursing management
VIII	20	<p style="text-align: center;">PERSONALITY DISORDERS:-</p> <ul style="list-style-type: none"> . Types

		<ul style="list-style-type: none"> . Symptoms . Treatment and nursing management
IX	20	<p>DISORDERS OF INFANCY, CHILDHOOD AND ADOLESCENCE:-</p> <ul style="list-style-type: none"> . Mentally challenge . Autistic disorders . Attention-Deficit Hyper activity disorder . Conduct disorders . Opposite defiant disorders and Tourate disorders . Treatment and nursing management
X	10	<p>AGING INDIVIDUAL, PROBLEMS RELATED TO ABUSE OR NEGLECT:-</p> <ul style="list-style-type: none"> . Biological aspect of aging . Socio-cultural aspect of aging . Psychiatric problems among elderly population . Treatment and nursing management . Vulnerable groups . Predisposing factors . Treatment and nursing management
XI	10	<p>PSYCHOSOCIAL REHABILITATION FOR MENTALLY ILL PERSON:-</p> <ul style="list-style-type: none"> . Principles of rehabilitation . Disability assessment . Training and support to care givers . Half way homes, Correctional homes

PAPER III (Common Paper)**Full Mark=200****PART - A NURSING EDUCATION***Full Mark – 40.*

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UNIT	MARK	CONCEPT
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PART C – NURSING RESEARCH & STATISTICS *Full Mark – 40.*

UNIT	MARK	CONCEPT
1	15	INTRODUCTION : Definitions, Characteristics, types of research, Research problems
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PART D : NURSING ADMINISTRATION *Full Mark – 30.*

UNIT	MARK	CONCEPT
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PART E - APTITUDE TEST (50 Marks)

(a) Numerical And Figurework Tests: (15 Marks)

These tests are reflections of fluency with numbers and calculations. It shows how easily a person can think with numbers. The subject will be given a series

of numbers. His/Her task is to see how the numbers go together to form a relationship with each other. He/She has to choose a number which would go next in the series.

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(d) Abstract Reasoning Tests: (10 Marks)

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SUBJECT : OBSTETRIC AND OBSTETRICAL NURSING / GYNAECOLOGICAL NURSING

PAPER – I

FULL MARKS : 200

UNIT	MARKS	CONTENTS
I	30	<p>Introduction :</p> <ul style="list-style-type: none"> • Magnitude of maternal and child health problems. • Health care delivery system- NRHM, Role of Nurse Midwife practitioner. • Legal and Ethical issues in midwifery practice • Reproductive system
II	50	<p>Pregnancy:</p> <ul style="list-style-type: none"> • Hormonal cycles, Embryological and Foetal development obstetrical examination; Assessment of pregnancy, Antenatal Care, signs and symptoms, Physiological changes. • High risk pregnancies, Genetics • Investigation : - Biophysical, USG, NST, CST, Cardiotocography.
III	50	<p>Normal Labour :</p> <ul style="list-style-type: none"> • Onset, Stages, physiology, Mechanism of labour • Intrapartum monitoring and their management, Partograph • Drug use in Obstetric and Gynaecology • Abortion – Types, causes, legislation – procedures and their complications. • New born – Essential new born care, normal characteristics of new born, organization of neonatal care unit.
IV	40	<p>Normal puerperium :</p> <ul style="list-style-type: none"> • Management of mother during puerperium. • Management of Lactation, Physiology of puerperium • Lochia and involution of uterus • Immunization
V	30	<p>Family welfare services :</p> <ul style="list-style-type: none"> • Demography trends – Maternal and Neonatal mortality rates. • Family life education • Recent advancement in Contraceptive technology and methods of family planning.

		<ul style="list-style-type: none"> • Counseling : Ethical and legal aspect of assisted reproductive Technology (ART) • Recent advancement in infertility management. • Adoption and Menopause
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SUBJECT : OBSTETRIC AND OBSTETRICAL NURSING / GYNAECOLOGICAL NURSING

PAPER – II

FULL MARKS : 200

UNIT	MARKS	CONTENTS
I	50	<p>Management of problems of women during pregnancy :</p> <ul style="list-style-type: none"> • Screening high risk pregnancy. • Nursing management of pregnancies at risk due to obstetrical complications <p>APH, Placenta praevia, PIH, Hydramnios, Post Maturity, Multiple pregnancies, IUGR, PROM, IUD, Ectopic pregnancy.</p>
II	30	<p>Care of pre-existing Health problems :</p> <ul style="list-style-type: none"> • Anaemia, Essential hypertension, Hepatitis, TORCH, RTI. • Other risk factor – Age, Adolescence, elderly, unwed mother, sexual abuse, substance abuse.
III	50	<p>Abnormal labour and post partum complication :</p> <ul style="list-style-type: none"> • Preterm labour, obstetrical emergencies – precipitate labour, prolonged labour, abnormal lie and positions, CPD, Rupture of uterus, obstetric shock. • Induction, Retained placenta, Manual removal of placenta • Obstetrical operation, Genital tract injuries • PPH, puerperal infections, sub involution of uterus, breast conditions, Psychological complication.
IV	30	<p>High risk newborn :</p> <ul style="list-style-type: none"> • Nursing management of high risk newborn – Preterm, post term, infant, respiratory conditions, congenital anomalies, Neonatal haemolytic disease. • Neonatal infections, HIV/AIDS, Advanced Neonatal procedure, care of incubator, phototherapy, NICU.
V	40	<p>Gynaecological problems and Nursing Management :</p> <ul style="list-style-type: none"> • Gynaecological assessment and procedure. • Menstrual irregularities, Uterine displacement, genital prolapsed, Uterine malformation, uterine fibroid. • Gynaecological diagnostic and therapeutic procedure. • Administration and management of obstetrical and Gynaecological unit. <ul style="list-style-type: none"> – Design and layout – Staffing, Equipment and supplies. – Infection control, standard safety measures. – Quality assurance in obstetric nursing.

PAPER III (Common Paper)**Full Mark=200****PART - A NURSING EDUCATION***Full Mark – 40.*

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PART C – NURSING RESEARCH & STATISTICS *Full Mark – 40.*

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PART D : NURSING ADMINISTRATION *Full Mark – 30.*

UNIT	MARK	CONCEPT
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PART E - APTITUDE TEST (50 Marks)

(a) Numerical And Figurework Tests: (15 Marks)

These tests are reflections of fluency with numbers and calculations. It shows how easily a person can think with numbers. The subject will be given a series of numbers. His/Her task is to see how the numbers go together to form a relationship with each other. He/She has to choose a number which would go next in the series.

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