

<p style="text-align: center;">પ્રાથમિક કસોટીનો અભ્યાસક્રમ</p> <p style="text-align: center;">પ્રશ્નપત્ર-૧ (Part-I)</p> <p>જા.ક- ૧૧૫/૨૦૨૦-૨૧, લેકચરર (સિલેક્શન સ્કેલ), વર્ગ-૧</p> <p>માધ્યમ: ગુજરાતી <span style="float: right;">કુલ ગુણ : ૧૦૦</span></p>	
૧	ભારતની ભૂગોળ- ભૌગોલિક, આર્થિક, સામાજિક, કુદરતી સંસાધન અને વસ્તી અંગેની બાબતો- ગુજરાતના ખાસ સંદર્ભ સાથે
૨	ભારતનો સાંસ્કૃતિક વારસો- સાહિત્ય, કલા, ધર્મ અને સ્થાપત્યો- ગુજરાતના ખાસ સંદર્ભ સાથે
૩	ભારતનો ઇતિહાસ- ગુજરાતના ખાસ સંદર્ભ સાથે
૪	ભારતની અર્થવ્યવસ્થા અને આયોજન
૫	<p><u>ભારતીય રાજનીતિ અને ભારતનું બંધારણ:</u></p> <p>(૧) આમુખ</p> <p>(૨) મૂળભૂત અધિકારો અને ફરજો</p> <p>(૩) રાજ્યનીતિના માર્ગદર્શક સિદ્ધાંતો</p> <p>(૪) સંસદની રચના</p> <p>(૫) રાષ્ટ્રપતિની સત્તા</p> <p>(૬) રાજ્યપાલની સત્તા</p> <p>(૭) ન્યાયતંત્ર</p> <p>(૮) અનુસૂચિત જાતિ, અનુસૂચિત જનજાતિ અને સમાજના પછાત વર્ગો માટેની જોગવાઈઓ</p> <p>(૯) એટર્ની જનરલ</p> <p>(૧૦) નીતિ આયોગ</p> <p>(૧૧) પંચાયતી રાજ</p> <p>(૧૨) નાણા પંચ</p> <p>(૧૩) બંધારણીય તથા વૈધનિકસંસ્થાઓ- ભારતનું ચૂંટણી પંચ, સંઘ લોક સેવા આયોગ, રાજ્ય લોક સેવા આયોગ, કોમ્પ્ટ્રોલર એન્ડ ઓડિટર જનરલ; કેન્દ્રીયસતર્કતા આયોગ, લોકપાલ તથા લોકાયુક્ત અને કેન્દ્રીય માહિતી આયોગ</p>
૬	સામાન્ય બૌદ્ધિક ક્ષમતા કસોટી
૭	સામાન્ય વિજ્ઞાન, પર્યાવરણ અને ઈન્ફર્મેશન એન્ડ કોમ્યુનિકેશન ટેકનોલોજી
૮	ખેલ જગત સહિત રોજબરોજના પ્રાદેશિક, રાષ્ટ્રીય અને આંતરરાષ્ટ્રીય મહત્વના બનાવો

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Syllabus of Preliminary Test  
Paper-1 (part-I)

**Advt-115/2020-21, Lecturer ( Selection Scale ), Class-1**

Medium: Gujarati

Total Marks- 100

1	Geography of India-Physical, Economic, Social, Natural Resources and population related topics- with special reference to Gujarat
2	Cultural heritage of India-Literature, Art, Religion and Architecture- with special reference to Gujarat
3	History of India with special reference to Gujarat
4	Indian Economy and Planning
5	<u>Indian Polity and the Constitution of India:</u> (1) Preamble (2) Fundamental Rights and Fundamental Duties (3) Directive Principles of State Policy (4) Composition of Parliament (5) Powers of the President of India (6) Powers of Governor (7) Judiciary (8) Provisions for Scheduled Castes, Scheduled Tribes and backward classes of the society (9) Attorney General (10) NITI Aayog (11) Panchayati Raj Institutions (12) Finance Commission (13) Constitutional and Statutory Bodies: Election Commission of India, Union Public Service Commission, State Public Service Commission, Comptroller and Auditor General; Central Vigilance Commission, Lokpal and Lokayukta, Central Information Commission
6	General Mental Ability
7	General Science, Environment and Information & Communication Technology
8	Daily events of Regional, National and International Importance including Sports

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**Syllabus for the preliminary test for the recruitment on the post of  
Lecturer (Selection Scale); Class-1, in the College of Nursing in  
Gujarat Nursing Service**

**Advt no- 115/2020-21**

**Part-2**

**Marks – 200**

**Questions – 200**

**Medium - English**

**1. NURSING EDUCATION**

Introduction, Teaching – Learning Process, Instructional media and methods, Measurement and evaluation, Standardized and non-standardized tests, Administration, Scoring and Reporting, Standardized Tools, Nursing Educational programs, Continuing Education in Nursing, Curriculum Development, Teacher preparation, Guidance and counseling, Administration of Nursing Curriculum, Management of nursing educational institutions

**2. ADVANCE NURSING PRACTICE**

Nursing as a Profession, Health care delivery, Genetics, Epidemiology, Bio-Psycho social pathology, Philosophy and Theories of Nursing, Nursing process approach, Psychological aspects and Human relations, Nursing practice, Computer applications for patient care delivery system and nursing practice

**CLINICAL SPECIALITY**

**3. MEDICAL SURGICAL NURSING**

Introduction, Health Assessment of patients, Care in hospital settings, Management of patients with disorders of Gastro intestinal tract, Management of patients with disorders of nervous system, Management of patients with disorders of respiratory system, Management of patients with disorders of cardio vascular system, Management of patients with disorders of blood, Management of patients with disorders of genito urinary system, Management of patients with disorders of genito urinary system, Management of patients with disorders of

endocrine system, Management of patients with disorders of musculo-skeletal system, Management of patients with disorders of integumentary system, Management of patients with disorders of Eye and ENT, Management of patients with disorders of reproductive system, Geriatric nursing, Management of patients with communicable and sexually transmitted diseases, Emergency, trauma and multi-system organ failure

#### **4. OBSTETRIC AND GYNAECOLOGICAL NURSING**

Introduction, Human reproduction, Pregnancy, Normal Labour and nursing management First stage: Physiology of normal labour; Second stage; Third stage; Fourth stage – Observation, critical analysis and Nursing management, Role of nurse midwifery practitioner, Normal puerperium and nursing management, Role of nurse midwifery practitioner, Normal Newborn, Pharmacodynamics in obstetrics, Family welfare services, Infertility, Menopause, Abortion

#### **5. CHILD HEALTH (PAEDIATRIC) NURSING**

Introduction, Assessment of pediatric clients, Hospitalized child, Pre-natal Pediatrics, Growth and Development of children, Behavioral Pediatrics and Pediatric Nursing, Preventive Pediatrics and Pediatric Nursing, Neonatal Nursing, IMNCI

#### **6. MENTAL HEALTH (PSYCHIATRIC) NURSING**

Introduction, Concepts of Psychobiology, Theories of Personality Development and relevance to nursing practice, Stress and its management, Therapeutic communication and interpersonal relationship, Assertive Training, Promoting Self-Esteem, women and mental health, The nursing process in psychiatric/mental health nursing, Psycho social and physical therapies, Electroconvulsive Therapy, Psychopharmacology, Alternative systems of medicine in mental health

#### **7. COMMUNITY HEALTH NURSING**

Introduction, Health, Population dynamics and control, Community health Nursing, Maternal and neonatal care, Information, education and communication, Health care delivery system: Urban, rural, tribal and difficult areas

## **8. NURSING RESEARCH AND STATISTICS**

- **Research**

Introduction, Review of Literature, Research Approaches and designs, Research problem, Developing theoretical/conceptual framework, Sampling, Tools and methods of Data collection, Implementing research plan, Analysis and interpretation of data, Reporting and utilizing research findings

- **Statistics**

Introduction, Measures of central tendency, Measures of variability, Normal Distribution Measures of relationship, Designs and meaning, Significance of Statistic and Significance of difference between two Statistics (Testing hypothesis), Use of statistical methods in psychology and education, Application of statistics in health, Use of Computers for data analysis

## **9. NURSING MANAGEMENT**

Introduction, Management, Nursing management, Planning, Organisation Concept, Human Resource for health, Directing, Material management Controlling, Fiscal planning, Nursing informatics, Leadership, Legal and ethical issues, Laws and ethics

## **CLINICAL SPECIALITY – II**

### **10. MEDICAL SURGICAL NURSING**

#### **SUB SPECIALITY – CARDIO VASCULAR AND THORACIC NURSING**

Introduction, Epidemiology, Review of anatomy and physiology of cardio vascular and respiratory system, Assessment and Diagnostic Measures, Cardiac disorders and nursing management, Altered pulmonary conditions, Vascular disorders and nursing management, Cardio thoracic emergency interventions,

Nursing care of a patient with obstructive airway, Oxygen delivery systems, Mechanical Ventilation, Congenital Heart Diseases, Pharmacology, Nursing Care of patient undergoing cardio thoracic surgery, Cardiac rehabilitation, Intensive Coronary Care Unit/intensive cardio thoracic unit

## **11. MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING**

Introduction to Critical Care Nursing, Concept of Holistic care applied to critical care nursing practice, Review, Pain Management, Infection control in intensive care unit, Gastrointestinal System, Renal System, Nervous System, Endocrine System, Management of other Emergency Conditions, Cardiovascular emergencies, Respiratory System, Burns, Obstetrical Emergencies, Neonatal Paediatrics emergencies, Legal and ethical issues in critical care-Nurse's role, Quality assurance

## **12. MEDICAL SURGICAL NURSING- ONCOLOGY NURSING**

Introduction, The Nature of Cancer, Etiology of Cancer, Diagnostic Evaluation, Levels of prevention and care, Cancer Treatment Modalities and Nurse's Role, Pain management, Assessment of pain, Non- Pharmacological pain relief technique, Palliative care, Infection control, Nursing Care of Patients With Specific Malignant Disorders, Paediatric malignancies, Nursing Management of Physiological Conditions and Symptoms Of Cancer Patient :Other symptoms, Impact of cancer on sexuality, Cancer Emergencies, Psycho-Social Aspects of Nursing Care

## **13. MEDICAL SURGICAL NURSING- NEUROSCIENCES NURSING**

Introduction, Epidemiology, Review of Anatomy and physiology, Assessment and diagnostic measures, Meeting Nutritional needs of neurological patients, Drugs used in neurological and neurosurgical disorders, Traumatic conditions, Cerebrovascular disorders, Degenerating and demyelinating disorders, Neuro infections, Paroxysmal disorders, Developmental disorders, Neuro muscular disorders, Neoplasms – surgical conditions and Other disorders, Neuro emergencies, Rehabilitation, Ethical and legal issues in neuroscience nursing

#### **14. MEDICAL SURGICAL NURSING- NEPHRO-UROLOGY NURSING**

Introduction, Epidemiology, Review of anatomy and physiology of urinary system, Assessment and diagnostic measures, Renal immunopathy/Immunopathology, General Concept of immunopathology, Urological Disorders and Nursing Management, Etiology, clinical manifestations, diagnosis, prognosis, Glomerular disorders and nursing management, Drugs used in urinary disorders, Dialysis, Dialysis- Pediatric urinary disorders, Etiology, clinical manifestations, Critical care units- dialysis , KTP unit

#### **15. MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING**

Introduction, Assessment of Orthopedic Patient, Care of patients with devices, Injuries, Infections of Bones and Joints, Bone Tumours, Deformities, Disorders of the spine, Nutritional/Metabolic and Endocrine Disorders, Neuro-Muscular Disorders, Chronic/Degenerative Diseases of Joints and Autoimmune Disorders, Orthopedic Disorders in Children, Geriatric Problems, Pharmacokinetics, Nurses Role in Orthopedic Conditions, Orthopedic Reconstructive Surgeries, Physiotherapy, Rehabilitation, National Policies and Programmes

#### **16. MEDICAL SURGICAL NURSING - GASTRO ENTEROLOGY NURSING**

Introduction, Epidemiology, Review of anatomy and physiology of gastrointestinal system, Assessment and diagnostic measures, Gastro intestinal disorders and nursing management, Disorder of liver, pancreas gall bladder and nursing management, Gastro intestinal emergencies and nursing interventions, Congenital Anomalies of Esophagus, Congenital Anomalies of Stomach, Congenital Anomalies of Duodenal, Developmental anomalies of the intestine, Hirschsprung's disease, Pharmokinetics, Nutrition and nutritional problems related to GI system, Malignant disorders of gastro intestinal system, Administration and management of GE unit

#### **17. OBSTETRIC AND GYNAECOLOGICAL NURSING**

Management of problems of women during pregnancy, Pregnancies at risk-due to pre-existing health problems, Abnormal labour, pre-term labour & obstetrical emergencies post partum complications, High Risk Newborn, HIV/AIDS, Gynecological problems and nursing management, Administration and management of obstetrical and gynaecological unit

### **18. PEDIATRIC (CHILD HEALTH) NURSING**

Introduction, Intensive care for pediatric clients High Risk Newborn, Developmental disturbances and implications for nursing, Challenged child and implications for nursing, Crisis and nursing intervention, Drugs used in Pediatrics, Administration and management of pediatric care unit

### **19. PSYCHIATRIC (MENTAL HEALTH) NURSING**

Principles and practice of Psychiatric nursing, Crisis Intervention, Anger/Aggression Management, The Suicidal Client, Disorders of Infancy, Childhood, and Adolescence Delirium, Dementia, and Amnestic Disorders, Substance-Related Disorders, Schizophrenia and Other Psychotic Disorders, Mood Disorders, Anxiety Disorders, Somatoform And Sleep Disorders, Dissociative Disorders and Management, Sexual And Gender Identity Disorders, Eating Disorders, Adjustment and Impulse Control Disorders, Medical Conditions due to Psychological Factors, Personality Disorders, The Aging Individual, The person living with HIV Disease, Problems Related to Abuse or Neglect, Community Mental Health Nursing, Ethical and Legal Issues in Psychiatric/Mental Health Nursing, Psychosocial rehabilitation, Counseling

### **20. COMMUNITY HEALTH NURSING**

Epidemiology, National Health and Family Welfare Programmes, School Health, International health, Education and administration, Geriatric, Rehabilitation, Community mental health, Occupational health

### **21. Current Trends and Recent Advancement in the Field of Nursing.**