

**જગ્યાનું નામ: લેક્ચરર(સિનિયર સ્કેલ), ગુજરાત નર્સિંગ સેવા,વર્ગ-૧,
(ખ.ક.૨૩/૨૦૨૪-૨૫)**

ભાગ-૧ અને ભાગ-૨ ના ૧૮૦ મિનિટના સંયુક્ત પ્રશ્નપત્રની પ્રાથમિક કસોટીનો અભ્યાસક્રમ

સીધી પસંદગીથી ભરતીની પ્રાથમિક કસોટીનો અભ્યાસક્રમ ભાગ-૧ (સામાન્ય અભ્યાસ)		
માધ્યમ: ગુજરાતી અને અંગ્રેજી		કુલ ગુણ : ૧૦૦
મુદ્દા	વિષય	ગુણ
૧	ભારતની ભૂગોળ- ભૌગોલિક, આર્થિક, સામાજિક, કુદરતી સંસાધન અને વસ્તી અંગેની બાબતો- ગુજરાતના ખાસ સંદર્ભ સાથે	30
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	ભારતીય રાજનીતિ અને ભારતનું બંધારણ: (૧) આમુખ (૨) મૂળભૂત અધિકારો અને હુરખે (૩) રાજ્યનીતિના માર્ગદર્શક સિદ્ધાંતો (૪) સંસદની રચના (૫) રાષ્ટ્રપતિની સત્તા (૬) રાજ્યપાલની સત્તા (૭) ન્યાયતંત્ર (૮) અનુસૂચિત જાતિ, અનુસૂચિત જનજાતિ અને સમાજના પછાત વર્ગો માટેની ખેગવાઈઓ (૯) નીતિ આયોગ (૧૦) બંધારણીય તથા વૈધાનિક સંસ્થાઓ- ભારતનું ચૂંટણી પંચ, કોમ્પ્યુટર એન્ડ ઓડિટર જનરલ, માહિતી આયોગ	
૬	સામાન્ય વિજ્ઞાન, પર્યાવરણ અને ઈન્ફર્મેશન એન્ડ કોમ્યુનિકેશન ટેકનોલોજી	૧૦
૭	ખેલ જગત સહિત રોજબરોજના પ્રાદેશિક, રાષ્ટ્રીય અને આંતરરાષ્ટ્રીય મહત્વના બનાવો	૧૦
૮	સામાન્ય બૌદ્ધિક ક્ષમતા કસોટી (૧) તાર્કિક અને વિશ્લેષણાત્મક ક્ષમતા (૨) સંખ્યાઓની શ્રેણી સંકેત અને તેનો ઉકેલ. (૩) સંબંધ વિષયક પ્રશ્નો. (૪) આકૃતિઓ અને તેના પેટા વિભાગ, વેન આકૃતિઓ (૫) ઘડીયાળ, કેલેન્ડર અને ઉમર સંબંધિત પ્રશ્નો. (૬) સંખ્યા વ્યવસ્થા અને તેના માનક્રમ. (૭) શૈખિક સમીકરણ (એક કે બે ચલમાં) (૮) પ્રમાણ, હિરસો અને ચલ.	30

	<p>(૯) સરેરાશ યા મધ્યક, મધ્યસ્થ અને બહુલક, ભારિત સરેરાશ. .</p> <p>(૧૦) ઘાત અને ઘાતાંક, વર્ગ, વર્ગમૂળ, ઘનમૂળ, ગુ.સા.અ. અને લ.સા.અ</p> <p>(૧૧) ટકા, સાદુ અને ચક્રવૃદ્ધિ વ્યાજ, નક્ષે અને ગુકશાન.</p> <p>(૧૨) સમય અને કાર્ય, સમય અને અંતર, ઝડપ અને અંતર.</p> <p>(૧૩) સરળ ભૌતિક આકૃતિઓના ક્ષેત્રફળ અને પરિમિતિ, જથ્થો અને સપાટીનો વિસ્તાર (છ સમાંતર બાજુ ધરાવતો ઘન, ઘન, સિલિન્ડર, શંકુ આકાર, ગોળાકાર).</p> <p>(૧૪) રેખા, ખૂણા અને સામાન્ય ભૌમિતિક આકૃતિઓ-સાદી કે ત્રાંસી સમાંતર રેખાઓના ગુણધર્મો, ત્રિકોણની સાપેક્ષ બાજુઓના માપનના ગુણધર્મો, પાયથાગોરસનો પ્રમેય, ચતુર્ભૂજ, લંબગોળ, સમાંતર બાજુ ચતુષ્કોણ, સમભૂજ ચતુષ્કોણ.</p> <p>(૧૫) બીજગણિતનો પરિચય-BODMAS-કાનાભાગુવઓ-વિચિત્ર પ્રતિકોની સરળ સમજૂતિ.</p> <p>(૧૬) માહિતીનું અર્થઘટન, માહિતીનું વિશ્લેષણ, માહિતીની પર્યાપ્તતા, સંભાવના</p>	
૯	<p>ગુજરાતી વ્યાકરણ</p> <p>(૧) જોડણી</p> <p>(૨) સમાનાર્થી-વિરુદ્ધાર્થી શબ્દો</p> <p>(૩) રૂઢિપ્રયોગો અને કહેવતો</p> <p>(૪) સમાસ</p> <p>(૫) સંધિ</p> <p>(૬) અલંકાર</p> <p>(૭) છંદ</p>	૧૦
૧૦	<p>English Grammar</p> <p>(1) Articles, Pronouns, Adjectives, Prepositions, Conjunctions and Question tag.</p> <p>(2) Verb and Tense, Agreement between subject and verb, Gerund, Participles.</p> <p>(3) Modal auxiliaries. Usage of can, may, could, should, etc.</p> <p>(4) Use of some, many, any, few, a little, Since and for.</p> <p>(5) Active and passive voice</p> <p>(6) Degrees of adjectives.</p> <p>(7) Common errors of usage.</p>	૧૦

❖ મુદ્દા ક્રમાંક ૮ થી ૧૦ માટેનો અભ્યાસક્રમ ધોરણ ૧૨ સમકક્ષ રહેશે.

Syllabus for Preliminary Test for Recruitment by Direct Selection Part-1 (General Studies)		
Medium: Gujarati and English		Total Marks: 100
Point No.	Subject	Marks
1	Geography of India – Geographical, Economic, Social, Natural Resources and Population related topics – With Special reference to Gujarat	30
2	Cultural Heritage of India – Literature, Arts, Religion and Architecture - With Special reference to Gujarat	
3	History of India- With Special reference to Gujarat	
4	Indian Economy and Planning	
5	Indian Politics and Constitution of India: (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 Casts, Scheduled Tribes and Backward Classes of the society (9) NITI Aayog (10) Constitutional and Statutory Bodies: Election Commission of India, Comptroller and Auditor General, Information Commission	
6	General Science, Environment and Information & Communication Technology	10
7	Daily events of Regional, National and International Importance including Sports	10
8	General Mental Ability Test (1) Logical Reasoning and Analytical Ability (2) Number Series, Coding-Decoding (3) Questions about relationship. (4) Shapes and their Sub-sections, Venn Diagram (5) Questions based on Clock, Calendar and Age (6) Number system and order of Magnitude (7) Linear Equations - in one or two Variables (8) Ratio, Proportion and Variation (9) Average of Mean, Median, Mode- including weighted Mean (10) Power and Exponent, Square, Square Root, Cube Root, H.C.F. & L.C.M. (11) Percentage, Simple and Compound Interest, Profit and Loss (12) Time and Work, Time and Distance, Speed and Distance (13) Area and Perimeter of Simple Geometrical Shapes, Volume and	30

	<p>Surface Area of Sphere, Cone, Cylinder, Cubes and Cuboids</p> <p>(14) Lines, Angles and Common geometrical figures - properties of transverse or parallel lines, properties related to measure sides of a triangle, Pythagoras theorem, quadrilateral, rectangle, Parallelogram and rhombus.</p> <p>(15) Introduction to algebra-BODMAS, simplification of weird Symbols.</p> <p>(16) Data interpretation, Data Analysis, Data sufficiency, Probability</p>	
9	<p>Gujarati Grammar</p> <p>(૧) જોડણી</p> <p>(૨) સમાનાર્થી-વિરુદ્ધાર્થી શબ્દો</p> <p>(૩) રૂઢિપ્રયોગો અને કહેવતો</p> <p>(૪) સમાસ</p> <p>(૫) સંધિ</p> <p>(૬) અલંકાર</p> <p>(૭) છંદ</p>	10
10	<p>English Grammar</p> <p>(1) Articles, Pronouns, Adjectives, Prepositions, Conjunctions and Question tag.</p> <p>(2) Verb and Tense, Agreement between subject and verb, Gerund, Participles.</p> <p>(3) Modal auxiliaries. Usage of can, may, could, should, etc.</p> <p>(4) Use of some, many, any, few, a little, Since and for.</p> <p>(5) Active and passive voice</p> <p>(6) Degrees of adjectives.</p> <p>(7) Common errors of usage.</p>	10

- ❖ The standard of the syllabus for point No. 8 to 10 will be equivalent to Standard 12.

Part-2 (Concerned Subject)

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

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 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 (Integrated management of neonatal and childhood illnesses)

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 Paediatric 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, Cerebro vascular 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, Pediatric urinary disorders, 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 Amnesic 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 Advancements in the field of Nursing