

अध्याय - 04
पाठ्यक्रम - सभी पदों हेतु

(अ) सामान्य ज्ञान, सामान्य हिन्दी, सामान्य अंग्रेजी, सामान्य गणित, सामान्य विज्ञान, सामान्य अभिरूचि 25 अंक

(ब) संबंधित विषय पर आधारित प्रश्न

75 अंक

| B.Sc. Curriculum | | | | |
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| S.No. | Year | Semester | Courses | Content |
| 1 | | I | Communicative English | <p>Communication. Introduction to LSRGW(Listening, Speaking, Reading, Grammer, Writing simple) Attentive Listening. Speaking-Effective . Conversation. Reading. Writing Skills. LSRW Skills.</p> |
| 2 | 1 | I | Applied Anatomy & Applied Physiology | <p>Applied Anatomy Introduction to anatomical terms and organization of the human body. The Respiratory system. The Digestive system. The Circulatory and lymphatic system. The Endocrine system. The Sensory organs. The Musculoskeletal system. The Muscular System. The skeletal system. The Renal System. The Reproductive System. The Nervous system.</p> <p>Applied Physiology General Physiology-Basic concept. Respiratory system. Digestive system. Circulatory and lymphatic system. Blood. The endocrine system. The sensory Organs. Musculo-skeletal system. Renal system. The Reproductive System. Nervous system</p> |

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| S.No. | Year | Semester | Courses | Content |
| 3 | | II | Applied Sociology & Applied Psychology | <p>Applied Sociology Introduction . Social structure. Culture. Family and Marriage. Social stratification.social organization and disorganization. Clinical sociology.</p> <p>Applied Psychology Introduction Biological basis of behaviour Mental health and mental hygiene Developmental psychology Personality Cognitive process Motivation and emotional processes Psychological assessment and tests Application of soft skill Self-empowerment</p> |
| 4 | | II | Applied Biochemistry and Applied Nutrition & Dietetics | <p>Applied Biochemistry Carbohydrates Lipids Proteins Clinical Enzymology Acid base maintenance Heme catabolism Organ function tests Immunochemistry</p> <p>Applied Nutrition & Dieteries Introduction to Nutrition Carbohydrates Energy Proteins Fats Vitamins Minerals Balanced diet Nutritional deficiency disorders Therapeutic diets Cookery rules and preservation of nutrients Nutrition assessment and nutrition education National Nutritional Programmes and role of nurse</p> |

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| S.No. | Year | Semester | Courses | Content |
| 5 | | III | Nursing Foundation I & II | <p>Nursing Foundation 1: Introduction to Health and Illness Health Care Delivery Systems History and Scope of Nursing Communication and Nurse-Patient Relationship Documentation and Reporting Vital Signs Health Assessment Equipment and Linen Management Infection Control and Waste Management Comfort, Rest & Sleep, and Pain Management Safety in Health Care Environment Admission, Transfer, and Discharge of Patients Mobility and Immobility Patient Education</p> <p>Nursing Foundation 2: Nursing Concepts and Skills Nursing Procedures Basic Nursing Care Health Promotion and Disease Prevention Emergency Care Medical-Surgical Nursing Pharmacology Mental Health Nursing</p> |
| 6 | | III | Health/Nursing Informatics & Technology | <p>Introduction to Computer Applications for Patient Care Delivery System and Nursing Practice Principles of Health Informatics Information Systems in Healthcare Shared Care & Electronic Health Records Patient Safety & Clinical Risk Clinical Knowledge & Decision Making eHealth: Patients and the Internet Using Information in Healthcare Management Information Law & Governance in Clinical Practice Healthcare Quality & Evidence-Based Practice</p> |

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| S.No. | Year | Semester | Courses | Content |
| 7 | 2 | III | Applied Microbiology and Infection Control including Safety | <p>Introduction</p> <p>General Characteristics of Microbes</p> <p>Pathogenic Organisms</p> <p>Immunity</p> <p>Hospital Acquired Infections (HAI)</p> <p>Isolation Precautions and Use of Personal Protective Equipment (PPE)</p> <p>Hand Hygiene</p> <p>Disinfection and Sterilization</p> <p>Specimen Collection (Review)</p> <p>Biomedical Waste Management & Laundry Management</p> <p>Antibiotic Stewardship</p> <p>Patient Safety Indicators</p> <p>Incidents and Adverse Events</p> <p>International Patient Safety Goals (IPSG)</p> <p>Safety Protocols</p> <p>Employee Safety Indicators</p> <p>Healthcare Worker Immunization Program and Management of Occupational Exposure</p> |
| 8 | | VI | Adult Health Nursing I with Integrated Pathophysiology including BCLS module | <p>Introduction</p> <p>Intraoperative Care</p> <p>Nursing Management of Patients with Respiratory Problems</p> <p>Nursing Management of Patients with Gastrointestinal Disorders</p> <p>Nursing Management of Patients with Cardiovascular Problems</p> <p>Nursing Management of Patients with Hematological Disorders</p> <p>Nursing Management of Patients with Endocrine Disorders</p> <p>Nursing Management of Patients with Integumentary Disorders</p> <p>Nursing Management of Patients with Musculoskeletal Disorders</p> <p>Nursing Management of Patients with Communicable Diseases</p> |

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| S.No. | Year | Semester | Courses | Content |
| 9 | | VI | Pharmacology (I&II) & Pathology (I&II) (including Genetics) | Pharmacology I Introduction to Pharmacology Pharmacology of Antiseptics and Disinfectants Pharmacology of Gastrointestinal Drugs Pharmacology of Respiratory Drugs Pharmacology of Cardiovascular Drugs Pharmacology of Endocrine Drugs Pharmacology of Dermatological Drugs Pharmacology of Antimicrobials and Chemotherapy Pharmacology II Drugs for Ear, Nose, Throat, and Eye Disorders Drugs Acting on the Urinary System Drugs Acting on the Nervous System Drugs for Hormonal Disorders, Contraception, and Medical Termination of Pregnancy Drugs for Pregnant Women Drugs for Deaddiction, Emergency, Poisoning, Vitamins, and Minerals |
| 10 | | V | Adult Health Nursing II with Integrated Pathophysiology including Geriatric Nursing & Palliative Care | Nursing Management of Ear, Nose, and Throat Disorders Nursing Management of Eye Disorders Nursing Management of Kidney and Urinary System Disorders Nursing Management of Male Reproductive Disorders Nursing Management of Burns and Cosmetic Surgeries Nursing Management of Neurological Disorders Nursing Management of Immunological Disorders Nursing Management of Oncological Conditions Nursing Management of Emergency and Disaster Situations Nursing Care of the Elderly Nursing Management of Critical Care Units Nursing Management of Occupational and Industrial Health Disorders |
| 11 | | V | Professionalism, Professional Values and Ethics including Bioethics Ex. Human Values | |
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| S.No. | Year | Semester | Courses | Content |
| 12 | 3 | IV | Community Health Nursing I including Environmental Science & Epidemiology | Community Health Nursing Approaches, Concepts, Roles, and Responsibilities Assisting Individuals and Families to Promote and Maintain Their Health Introduction to Epidemiology Communicable Diseases and National Health Programs Non-Communicable Diseases and National Health Programs Management of Common Conditions and Emergencies Including First Aid Reproductive, Maternal, Newborn, Child, and Adolescent Health School Health Services Demography, Surveillance, and Interpretation of Data Population and Its Control Environmental Science Environmental Science, Environmental Health, and Sanitation. Environmental Health & Sanitation. Nutrition Assessment and Nutrition Education. Communication Management and Health Education. |
| 13 | | IV | Educational Technology/ Nursing Education | Introduction and Theoretical Foundations Assessment and Planning Implementation Teaching in the Clinical Setting Educational/Teaching Media Assessment/Evaluation Methods/Strategies Guidance/Academic Advising, Counseling, and Discipline Ethics and Evidence-Based Teaching (EBT) in Nursing Education Emerging Trends in Healthcare and Nursing Education |
| 14 | | IV | Introduction to Forensic Nursing | |

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| S.No. | Year | Semester | Courses | Content |
| 15 | | IV | Child Health Nursing (I&II) | <p>Child Health Nursing I Introduction to Modern Concepts of Child-Care The Healthy Child Nursing Care of Neonate Integrated Management of Neonatal and Childhood Illnesses (IMNCI) Nursing Management in Common Childhood Diseases Child Health Emergencies and CPR</p> <p>Child Health Nursing II Orthopedic Disorders, Eye, Ear, and Skin Disorders Communicable Diseases in Children Management of Behavioral and Social Problems in Children Management of Challenged Children Counseling and Education for Parents Pediatric Medical Ward Pediatric Surgical Ward Neonatal Intensive Care Unit (NICU) & Pediatric Intensive Care Unit (PICU)</p> |
| 16 | | IIV | Mental Health Nursing (I&II) | <p>Mental Health I Introduction to Mental Health Nursing Principles and Concepts of Mental Health Nursing Mental Health Assessment Therapeutic Communication and Nurse-Patient Relationship Treatment Modalities and Therapies Used in Mental Disorders Nursing Management of Patients with Schizophrenia and Other Psychotic Disorders Nursing Management of Patients with Mood Disorders Nursing Management of Patients with Neurotic, Stress-Related, and Somatisation Disorders Nursing Management of Patients with Substance Use Disorders Nursing Management of Patients with Personality, Sexual, and Eating Disorders Nursing Management of Behavioural & Emotional Disorders in Childhood and Adolescence</p> <p>Mental Health II Nursing Management of Organic Brain Disorders Psychiatric Emergencies and Crisis Intervention Legal Issues in Mental Health Nursing Community Mental Health Nursing</p> |

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| S.No. | Year | Semester | Courses | Content |
| 17 | | IIV | Nursing Management & Leadership | Health Care and Development of Nursing Services in India Management Basics Applied to Nursing Planning Nursing Services Organizing Staffing (Human Resource Management) Directing and Leading Leadership Controlling Organizational Behavior and Human Relations Financial Management Nursing Informatics/Information Management Personal Management Establishment of Nursing Educational Institutions Planning and Organizing Functions of a Nursing College Staffing and Student Selection Leadership and Management Activities in an Educational Organization Legal and Ethical Issues Professional Advancement |
| 18 | | | Ex. Menopausal Health | |
| 19 | 4 | IIV | Community Health Nursing II | Occupational Health Geriatric Health Care Mental Health Disorders Health Management Information System (HMIS) Delivery of Community Health Services Leadership, Supervision, and Monitoring Disaster Management Bio-Medical Waste Management Health Agencies |
| 20 | | IIIV | Nursing Research & Statistics | Introduction and need for nursing research Definition of Research & nursing research Steps of scientific method Characteristics of good research State the purposes and steps of Evidence Based Practice Steps of Research process-overview Evidence Based Practice: Concept, Meaning, Purposes, Steps of EBP Process and Barriers |

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| S.No. | Year | Semester | Courses | Content |
| 21 | | IIIV | Midwifery/Obstetrics and Gynaecology (OBG) Nursing I & II | <p>Midwifery/Obstetrics and Gynaecology (OBG) Nursing I</p> <p>History of midwifery in India Current scenario: Midwifery in India - Transformative education for relationship-based and transformative midwifery practice in India, National health programs related to RMNCH Current trends in midwifery and gynecology nursing: Respectful maternity and newborn care (RMNC) Midwife led care units (MLCU) Birthing centers, water birth, lotus birth Essential competencies for basic midwifery practice (ICM) Universal rights of child-bearing women Sexual and reproductive health and rights Legal provisions in midwifery practice in India: INC/MOH&FW regulations Ethical issues in maternal and neonatal care Adoption laws, MTP act, Pre-Natal Diagnostic Test (PNDT) Act, Surrogate mothers Roles and responsibilities of a midwife in different settings (hospital/community)</p> <p>Midwifery/Obstetrics and Gynaecology (OBG) Nursing II</p> <p>Recognition and Management of Problems During Pregnancy Recognition of Deviations from the Normal and Management During Labour Recognition and Management of Postnatal Problems Assessment and Management of High-Risk Newborns Assessment and Management of Gynecological Disorders Family Planning and Family Welfare Programs</p> |
| 22 | | IIIV | <p>Competency Assessment</p> <ul style="list-style-type: none"> • Community Health Nursing • Adult Health Nursing • Child Health Nursing • Mental Health Nursing • Midwifery/OBG Nursing | |
| 23 | | IIIV | Ex. Scientific Writing Skills | |