

## PhD NURSING ENTRANCE EXAMINATION SYLLABUS

### CHILD HEALTH NURSING

#### OBJECTIVES:

The objective of the PhD Nursing Entrance Examination with a specialization in Child Health Nursing is to assess the candidate's research aptitude, theoretical knowledge, and clinical competence in pediatric nursing. It aims to evaluate the ability to integrate nursing theories, evidence-based practice, and critical thinking into child health care and knowledge of ethical, legal, and policy issues.

| SNO | CONTENT   |                |
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| 1   | <b>Introduction</b> <ul style="list-style-type: none"><li>• Current status of child health in India;</li><li>• Changing trends in hospital care, preventive, promotive and curative aspects of child health</li><li>• Child morbidity and mortality rates</li><li>• Ethical and cultural issues in pediatric care</li><li>• National health programs related to child health.</li><li>• Role of pediatric nurses in health policy-making</li><li>• Child rights and legal/ethical issues in pediatric care</li><li>• National health programs: RBSK, RMNCH+A, IMNCI, Mission Poshan</li><li>• WHO and UNICEF strategies for global child health</li><li>• Leadership and Advocacy roles in NICU, PICU, and child health policy reform</li><li>• Strategies for Pediatric Nursing Care Delivery</li><li>• Application of advanced nursing theories and conceptual framework in child care</li><li>• Evidence based nursing practices in child health nursing</li></ul> | <b>Marks-4</b> |
| 2   | <b>Growth and Development of Children</b> <ul style="list-style-type: none"><li>• Principles of growth and development</li><li>• Concepts and theories of growth and development</li><li>• Developmental tasks and special needs from infancy to adolescence, developmental milestones</li><li>• Assessment of growth and development of pediatric clients</li><li>• Factors affecting growth and development</li></ul>   | <b>Marks-4</b> |
| 3   | <b>Hospitalized child</b> <ul style="list-style-type: none"><li>• Meaning of hospitalization of the child</li><li>• Preparation for hospitalization</li><li>• Effects of hospitalization on the child and family</li><li>• Stressors and reactions related to developmental stages</li><li>• play activities for ill hospitalized child.</li><li>• Nursing care hospitalized child and family – principles and practices.</li></ul>   | <b>Marks-5</b> |

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| 4 | <b>Preventive Pediatrics</b> <span style="float: right;"><b>Marks-5</b></span> <ul style="list-style-type: none"> <li>• Concept, aims and scope of preventive pediatrics</li> <li>• Immunization</li> <li>• Nutrition and Nutritional requirements of children</li> <li>• Malnutrition and its prevention &amp; role of Nutritional rehabilitation centers</li> <li>• Baby- friendly hospital initiative</li> <li>• Exclusive breast feeding,</li> <li>• Weaning</li> <li>• Prevention of Accidents</li> <li>• National and international organizations related to child health</li> </ul>  |
| 5 | <b>Behavioral Pediatrics and Pediatric Nursing</b> <span style="float: right;"><b>Marks-4</b></span> <ul style="list-style-type: none"> <li>• Management of common behavioral disorders</li> <li>• Management of common psychiatric problems</li> <li>• Management of challenged children: Mentally, Physically, &amp; Socially challenged</li> <li>• Welfare services for challenged children in India.</li> <li>• Child guidance clinics</li> </ul>   |
| 6 | <b>Neonatal Nursing</b> <span style="float: right;"><b>Marks-4</b></span> <ul style="list-style-type: none"> <li>• New born baby-profile and characteristics of the new born</li> <li>• Assessment of the new born</li> <li>• Essential newborn care</li> <li>• Neonatal resuscitation</li> <li>• Kangaroo mother Care</li> <li>• Breastfeeding and lactation management</li> <li>• Thermoregulation</li> <li>• Birth Injuries</li> <li>• High risk newborn – pre term and term neonate and growth retarded babies,</li> <li>• Identification and classification of neonates with infections</li> <li>• High risk new born- Identification, classification and nursing management</li> <li>• Identification &amp; Nursing management of common congenital malformations.</li> <li>• Organization of neonatal care, services(Levels), transport, neonatal intensive care unit, organization and management of nursing service in NICU</li> </ul> |
| 7 | <b>IMNCI (Integrated management of neonatal and childhood illnesses)</b> <span style="float: right;"><b>Marks-4</b></span>  |
| 8 | <b>Pediatric Emergencies and Critical Care</b> <span style="float: right;"><b>Marks-4</b></span> <ul style="list-style-type: none"> <li>• CPR and emergency management (PALS)</li> <li>• Fluid and electrolyte imbalance</li> <li>• Pediatric ICU care protocols</li> <li>• Care of child requiring long-term ventilation</li> <li>• Nutritional needs of critically ill child</li> <li>• Intensive care procedures, equipment and techniques</li> </ul>  |
| 9 | <b>Pediatric Palliative &amp; End-of-Life Care</b> <span style="float: right;"><b>Marks-4</b></span>  |

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|    | <ul style="list-style-type: none"> <li>• Pain management in children</li> <li>• Support for terminally ill children and their families</li> <li>• Pediatric hospice models</li> <li>• Ethical dilemmas in neonatal and pediatric care (e.g., DNR, withdrawal of care)</li> </ul>  |                |
| 10 | <b>Common Pediatric Disorders and Nursing Management</b> <ul style="list-style-type: none"> <li>• Cardiovascular disorders</li> <li>• Respiratory disorders</li> <li>• Gastrointestinal disorders</li> <li>• Genito urinary disorders</li> <li>• Neurological disorders</li> <li>• Hematological disorders</li> <li>• Endocrine disorders: Juvenile Diabetes Mellitus</li> <li>• Orthopedic disorders: club feet, hip dislocation and fracture.</li> <li>• Disorders of skin, eye, and ears</li> <li>• Common communicable diseases in children, their identification, nursing management in hospital and home and prevention.</li> <li>• Child health emergencies: poisoning, foreign bodies, hemorrhage, burns and drowning</li> <li>• Nursing care of infant and children with HIV/AIDS. Congenital anomalies and syndromes</li> <li>• Genetic disorders</li> <li>• Nutritional disorders</li> </ul> | <b>Marks-4</b> |
| 11 | <b>Drugs used in Pediatric</b> <ul style="list-style-type: none"> <li>• Criteria for dose calculation</li> <li>• Administration of drugs, oxygen and blood</li> <li>• Drug interactions</li> <li>• Adverse effects and their management</li> <li>• Fluid calculation</li> </ul>   | <b>Marks-4</b> |
| 12 | <b>Pediatric Nursing Informatics &amp; Innovation</b> <ul style="list-style-type: none"> <li>• Electronic Health Records (EHRs) in pediatric settings</li> <li>• Digital tools for growth/development tracking</li> <li>• Simulation in pediatric nursing education</li> </ul>  | <b>Marks-4</b> |