

Paper II:

25 Marks

Part I: General Subject

1. Child health: important terms and definitions, current health status: current and evolution of child health situation over the years, emerging challenges for prevention, diagnosis and treatment of child health problem.
2. National health policies related to child health including organ transplant.
3. International conventions, UN and WHO charter related to child health
4. Educational methodology: curriculum design, lesson planning, methods of learning skills, knowledge and attitudes, evaluation methods and construction of assessment tools.
5. Knowledge about International and national governmental and non-governmental organizations working in the field of child health.
6. Learning resources in child health: textbooks; journals and websites, process of literature search.
7. Evidence based medical practice and problem based learning.

Paper II:

100 Marks

Part II: Technical Subject

1. Growth and Development:
 - 1.1 Normal Growth and Development
 - 1.2 Disorders of Growth and Development
2. Nutrition:
 - 2.1 Normal nutrition in infancy and childhood - nutritional needs in health and disease state
 - 2.2 Common nutritional disorders in childhood - Malnutrition
 - 2.3 Nutrition supplementation - TPN
3. Concept of Preventive pediatrics
4. Genetics:
 - 4.1 Genetic and chromosomal disorders
 - 4.2 Inborn errors of metabolism
 - 4.3 Genetic counseling including antenatal diagnosis
5. Neonatology:
 - 5.1 Diagnosis, management and follow up of operative surgical congenital disorders including foetal disorders
 - 5.2 Diagnosis, management, prevention and follow up of acquired neonatal surgical disorders
 - 5.3 Organization of neonatal surgical care service in health institution up to tertiary level care
 - 5.4 Long term functional outcome of quality of life related to surgical condition
6. Management of pediatric surgical conditions:
 - 6.1 Gastro-intestinal system
 - 6.2 Genitourinary system
 - 6.3 Nervous system
 - 6.4 Respiratory system
 - 6.5 Cardiovascular system
 - 6.6 Orthopedics surgery
 - 6.7 Plastic surgery
 - 6.8 Condition related to skin, soft tissue and blood vessels

लोक सेवा आयोग
नेपाल स्वास्थ्य सेवा, सर्जरी समूह, पेडियाट्रिक सर्जरी उपसमूह, अधिकृत एघारौं (११) तहको खुल्ला र
आन्तरिक प्रतियोगितात्मक लिखित परीक्षाको पाठ्यक्रम

7. Infectious diseases:
 - 7.1 Diagnosis, management and follow up of common infectious diseases in the pediatric age group including HIV infection.
8. Pediatric surgical emergencies:
 - 8.1 Diagnosis and management of common pediatric surgical emergencies including trauma
 - 8.2 Pediatric anesthesia, ventilatory support, cardio-pulmonary support and stabilization
 - 8.3 Disaster: Planning and Management
9. Neoplastic disorders and tumors:
 - 9.1 Epidemiology of neoplastic diseases and solid tumours
 - 9.2 Principles of management of neoplastic diseases and solid tumours
10. Child psychiatry:
 - 10.1 Stress related to surgical problems
11. Diagnostic procedures:
 - 11.1 Investigation techniques
 - 11.1.1 Diagnostic and interventional methods
 - 11.1.2 Interpretation
 - 11.2. Recent advances in diagnostic methods like CT, MRI, USG, radioisotope scanning
12. Research methodology:
 - 12.1 Bio-statistics
 - 12.2 Basics in research methodology including search and critical review of medical & surgical literatures, selection of appropriate studydesign, analysis of findings and publications.
 - 12.3 Management of information system and medical audit
13. Medical ethics:
 - 13.1 Medical ethics
 - 13.2 Professional ethics
 - 13.3 Ethics in research
 - 13.4 Ethics in health policy
14. Recent advances in pediatric medicine and surgery

00000