

पाटन स्वास्थ्य विज्ञान प्रतिष्ठान, सेवा आयोग
प्राज्ञिक सेवा, बाल चिकित्सा समूह, सहायक प्राध्यापक पद, नौ ख (९ ख) तहको
खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

Paper II: Technical Subject
Section (A) - 45 Marks

1. **Growth development and behavior**
 - 1.1 Physical and psychosocial growth and development of normal child
 - 1.2 Disorders of growth
 - 1.3 Delay and deviations of development
 - 1.4 Assessment of growth and development
 - 1.5 Disorders of psychological development
 - 1.6 Common behavioral problems of preschool children
 - 1.7 Common speech disorders
 - 1.8 Common Paediatric Behavioural and Psychiatric disorders
2. **Nutrition, Fluid and Electrolytes**
 - 2.1 Normal nutrition in infancy and childhood
 - 2.2 Common nutritional disorders in childhood
 - 2.3 Nutrition supplementation programs
 - 2.4 Acid base balance
 - 2.5 Maintenance and replacement therapy of fluid and electrolytes
3. **Preventive pediatrics**
 - 3.1 Immunizations
 - 3.2 Prevention and management of common disorders of childhood
 - 3.3 Prevention and management of poisonings and accidents
4. **Social pediatrics**
 - 4.1 School health services
 - 4.2 National health programmes related to maternal and child health
 - 4.3 Community health services for the maternal and childhood
 - 4.4 Organizing health care delivery and referral systems for children
5. **Genetics**
 - 5.1 Genetic and chromosomal disorders
 - 5.2 Inborn errors of metabolism
 - 5.3 Genetic counseling including antenatal diagnosis
 - 5.4 Gene therapy
6. **Neonatology**
 - 6.1 Management of normal, high risk and sick neonates
 - 6.2 Monitoring and ventilatory support of the sick neonates
 - 6.3 Foetal disorders
 - 6.4 Perinatology
 - 6.5 Preventive neonatology

Section (B) - 55 Marks

7. **Adolescent Medicine**
 - 7.1 Adolescent development
 - 7.2 Adolescent health problems

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8. **Infectious diseases**
 - 8.1 Diagnosis and management of common infectious diseases (bacterial, viral, parasitic, fungal) in the pediatric age group and their management principles
9. **Immunity, allergy and rheumatic disorders of Paediatric age group**
10. **System based pediatrics**
 - 10.1 Diagnosis and management of common diseases/ disorders affecting Gastro intestinal, hepatobiliary, cardiovascular, respiratory, endocrine, blood and lymphoreticular, genitourinary, nervous and musculoskeletal systems
11. **Eye, ear, nose and throat**
 - 11.1 Diagnosis and management of common disorders of eye, ear, nose and throat in the pediatric age group
12. **Paediatric Dermatology**
 - 12.1 Common dermatological problems in Children
 - 12.2 Sexually transmitted diseases, AIDS
13. **Paediatric Surgery**
 - 13.1 Diagnosis and supportive management of common surgical disorders of neonates, infants and children and appropriate referral
14. **Pediatric Emergencies**
 - 14.1 Diagnosis and management of common pediatric emergencies such as coma, convulsions, shock, acute severe asthma, cyanotic spells, poisonings, accidents etc. Pediatric advance life support skills, cardiovascular support and stabilization
15. **Neoplastic disorders and tumors**
 - 15.1 Epidemiology, principles of diagnosis and treatment of common Paediatric neoplastic disorders (leukaemias, lymphomas, neuroblastoma, soft tissue sarcoma, retinoblastoma) and benign tumors

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