

# MD[ Pediatrics ]

BF/2009/05

## Basic Sciences as related to Pediatrics

[Paper-I]

Time : 3 Hours

M.M.: 100

*Note: Attempt all questions.*

1. Discuss Water and electrolyte metabolism in low birth weight babies. [20]
2. Describe pathophysiology of different types of Shock in children. Write the management of septic Shock. [15+5]
3. **Write short notes on:** [10×6=60]
  - a. Glycopeptide antibiotics.
  - b. Ethical issues in genetic testing in children.
  - c. Premature thelarche.
  - d. Stratified sampling.
  - e. Sinobronchial allergy.
  - f. Maturation of gait.
  - g. Oral drugs for Leishmaniasis.
  - h. Diagnosis of Scurvy.
  - i. Feeding counseling in baby born to HIV positive mother.
  - J. Management options for Aplastic anemia.

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## Principles and Practice of Pediatrics

[Paper-II]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Discuss approach to a 3 year old child with fever and altered sensorium of 2 wks duration. [30]
  
2. **Discuss briefly:**
  - a. Management of Fulminant Hepatic failure. [20]
  
  - b. Approach to an autistic child. [20]
  
3. **Write short notes on:**
  - a. Toxic shock syndrome. [10]
  
  - b. DOTs program. [10]
  
  - c. Atopic dermatitis. [10]

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## Preventive & Social aspects of Pediatrics and Diseases of Neonates & Infants

[Paper-III]

Time : 3 Hours

M.M.: 100

*Note: Attempt all questions.*

1.
  - a. Informed consent and parental permission during patient management. [15]
  - b. Developmental milestones in first 2 year of life. [15]
  
2. **Write short notes on:**
  - a. Major causes of perinatal & neonatal mortality. [15]
  - b. Enuresis - clinical picture & management. [15]
  
3. **Describe briefly:**
  - a. Ten steps to successful breast feeding. [10]
  - b. Differential diagnosis of Cyanosis in new born. [10]
  - c. Weaning practice. [10]
  - d. Complications of BCG vaccination. [10]

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## Recent advances in Pediatrics

[Paper-IV]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Probiotics and their health effects in infants. [10]
2. Cerebral palsy - etiology, classification and its investigations. [10]
3. Recent status of HIV vaccine. [10]
4. Bilirubin induced neuronal damage to newborns. [10]
5. Role of Mannitol in increased intracranial pressure. [10]
6. Concept about etiology of infantile aczema. [10]
7. Drugs for status epilepticus. [10]
8. Insulin in diabetes mellitus. [10]
9. Investigations for septicemia in neonates. [10]
10. Risk factors associated with Sudden Infant Death Syndrome[SIDS]. [10]

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