

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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