D.C.H.

[Diploma in Child Health]

BF/2015/05

# Basic Sciences as related to Paediatrics

# [Paper –I]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

 All questions carry equal marks.

 Illustrate your answer with suitable diagrams.

1. Developmental milestones of a normal one year old child. [10]

2. Hyponatremia in children. [10]

3. Pathophysiology of septic shock. [10]

4. Pathogenesis of raised intracranial pressure. [10]

5. Neonatal Jaundice. [10]

6. Breath Holding Spells. [10]

7. Risk factors for Cerebral Palsy. [10]

8. Congenital diaphragmatic Hernia. [10]

9. Tanner’s Rating of Sexual Maturity. [10]

10. Acute Intermittent Porphyria. [10]

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# Principles and Practice of Pediatrics

# [Paper –II]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

 All questions carry equal marks.

 Illustrate your answer with suitable diagrams.

1. Management protocol for status epilepticus. [10]

2. When should primary immunodeficiency disorders (PIDs) be suspected in children? List first line investigations for PID. [10]

3. Tabulate causes for conjugated hyperbillirubenimia at 2 month of age. Discuss treatment of extra-hepatic biliary atresia. [10]

4. Diagnosis of management of raised intracranial pressure in patients in the setting of pediatric emergency. [10]

5. Tabulate common causes of tumor lysis syndrome in children. Discuss management. [10]

6. Draw an algorithm for diagnostic approach towards bleeding disorder in a 3 year old patient. [10]

7. Discuss OPD management of type-I diabetes mellitus. [10]

8. Tabulate causes of pulmonary artery hypertension in children. Discuss management. [10]

9. Management of a child with frequently relapsing nephritic syndrome. [10]

10. Diagnosis & management of septic shock in children. [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.

 All questions carry equal marks.

 Illustrate your answer with suitable diagrams.

1. Discuss ten steps of management of severe protein energy malnutrition (PEM). [10]

2.Discuss prevention of infection in neonatal ICU. [10]

3. Complimentary feeding. [10]

4. Discuss the principles and components of IMNCI. [10]

5. Discuss approach to a neonate with respiratory distress syndrome. [10]

6. Nocturnal enuresis. [10]

7. Warm chain and management of hypothermia in newborn. [10]

8. Discuss SNCU (Sick newborn care unit). [10]

9. Megaloblastic anaemia. [10]

10. Discuss causes and management of neonatal seizures. [10]

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