

THIRD PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, FEBRUARY 2009**Part II****PAEDIATRICS INCLUDING NEONATOLOGY**

Time : Two Hours

Maximum : 40 Marks

*Answer Sections A and B in separate answer-books.**Draw diagrams wherever necessary.**MCQs should be answered in the Response Sheet provided.***Section A**

- I. Multiple Choice Questions (separate sheet attached). (8 × ½ = 4 marks)
 II. Match the following. (separate sheet attached). (8 × ½ = 4 marks)

III. Draw and label :

- 1 Temperature chart in malaria due to pl. vivax.
- 2 Vaccine vial monitor.

(2 × 1 = 2 marks)

IV. Short answer questions :

- 1 Features of constitutional obesity.
- 2 I.P.V.
- 3 Dexamethasone treatment in bacterial meningitis.
- 4 Clinical stages of whooping cough.

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Investigations of the deficiency anaemia.
- 2 Clinical features of leptospirosis.
- 3 Management of febrile seizures.

(3 × 2 = 6 marks)

Section B

VI. Read the paragraph and answer the following questions :—

A 1½ year old child, is brought with watery diarrhoea of 4 days. Weight 6 kg ; Length 60 cms ; mid arm circumference 11 cms, He is very irritable and skin pinch goes back slowly.

- 1 Write the complete diagnosis.
- 2 Substantiate your diagnosis.
- 3 Discuss the complications this child can develop.
- 4 Outline the management.

(1 + 2 + 3 + 4 = 10 marks)

VII. Short answer questions :

- 1 Very low birth weight baby.
- 2 PPTCT programme.
- 3 Treatment of malaria.
- 4 Secondary prevention of Rheumatic fever.

(4 × 1 = 4 marks)

VIII. Write short notes on :

- 1 Diagnosis and management of congenital hypothyroidism.
- 2 Treatment of Dengue shock syndrome.
- 3 Physiological jaundice in newborn.

(3 × 2 = 6 marks)

PAEDIATRICS INCLUDING NEONATOLOGY

I. MULTIPLE CHOICE QUESTIONS

Note.—(1) *Do not write anything on the question paper.*

(2) *Write your register number in the answer-sheet provided.*

(3) *Select one most appropriate response and encircle the corresponding alphabet against each question in the answer-sheet provided.*

1. Linear growth during the first 3 months of life is :

- | | |
|-----------------|-----------------|
| (A) 4 cm/month. | (B) 3 cm/month. |
| (C) 2 cm/month. | (D) 1 cm/month. |

2. All the following conditions cause microcephaly *except* :

- | | |
|------------------------------|----------------------------------|
| (A) Foetal alcohol syndrome. | (B) Osteopetrosis. |
| (C) Craniosynostosis. | (D) Congenital Rubella syndrome. |

3. The first sign of puberty in boys is :

- | | |
|----------------------------------|-------------------------------|
| (A) Enlargement of penis. | (B) Appearance of pubic hair. |
| (C) Appearance of axillary hair. | (D) Enlargement of testes. |

4. A child is able to walk backwards by :

- | | |
|----------------|----------------|
| (A) 12 months. | (B) 15 months. |
| (C) 18 months. | (D) 24 months. |

5. Incubation period of mumps is :

- | | |
|-----------------|-----------------|
| (A) 5–8 days. | (B) 10–12 days. |
| (C) 16–18 days. | (D) 28–32 days. |

6. Human parvovirus B₁₉ infection causes each of the following *except* :

- | | |
|---------------------------------|-----------------------|
| (A) Erythema infectiosum. | (B) Roseola. |
| (C) Transient aplastic anaemia. | (D) Hydrops foetalis. |

7. The sodium content of low osmolar ORS is :

- | | |
|------------------|------------------|
| (A) 90 mmol/lit. | (B) 80 mmol/lit. |
| (C) 70 mmol/lit. | (D) 60 mmol/lit. |

8. Functional closure of ductus arteriosus in a neonate occurs :

- | | |
|-----------------------|------------------|
| (A) Soon after birth. | (B) 10–15 hours. |
| (C) 3–5 days. | (D) 10–15 days. |

(8 × ½ = 4 marks)

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PAEDIATRICS INCLUDING NEONATOLOGY

II. Match the following :—

- | | | |
|----------|---------------------------------|--------------------|
| A | 1 Circumcorneal vascularization | (a) Pyridoxine. |
| | 2 Sideroblastic anaemia | (b) Rickets. |
| | 3 Subperiosteal haemorrhage | (c) Riboflavin. |
| | 4 Craniotabes | (d) Scurvy. |
|
 | | |
| B | 1 Red man syndrome | (a) Rifampicin. |
| | 2 Aplastic anaemia | (b) Valproate. |
| | 3 Flu like syndrome | (c) Vanomycin. |
| | 4 Hepatotoxicity | (d) Chloromycetin. |

(8 × ½ = 4 marks)