

Madhya Pradesh Medical Science University, Jabalpur**M.B.B.S. Final Part-2 Examination Feb-2024****Subject: Paediatrics (New Scheme)****Paper Code: 24AM0107100491****Time: 3:00 Hours Maximum Marks: 100**

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper.
- d) MCQs to be answered in theory answer book.
- e) Please write MCQ answer neatly and in serial order with black or blue pen in brackets for example: 1. (a) 2. (b).
- f) MCQs to be answered only once. Any repetition or erasing or whitener will be considered malpractice and not counted.
- g) Subjective answers should be answered in up to 30 words per mark.

Q.1 Total MCQs: 10 10 x 1 = 10

1. Vitamin D dependent Rickets type I is characterized by deficiency of enzyme
 - a. 25(OH)D3
 - b. 25(OH)D2
 - c. 1,25(OH)2D3
 - d. none of the above
2. Best method for measuring temperature in a neonate is by
 - a. rectal
 - b. oral
 - c. temporal
 - d. axilla
3. Frequent relapses in Nephrotic syndrome is when there are
 - a. 3 relapse in 1 year
 - b. 4 or more relapse per year
 - c. 2 relapse in 1 year
 - d. Single relapse in 1 year
4. The second most common childhood cancer is
 - a. ALL
 - b. NHL
 - c. AML
 - d. Brain tumor
5. An adolescent girl aged 12 requires energy and protein per day as follows
 - a. 2000 cal & 40 gm
 - b. 1600 cal & 28 gm
 - c. 3200 cal & 40 gm
 - d. 1800 cal & 22 gm
6. An infant can lift his head above the horizontal plane on ventral suspension at what age
 - a. 4 weeks
 - b. 8 weeks

- c. 12 weeks
d. 6 weeks
7. Hepatitis D virus is commonly associated with which virus
a. HAV
b. HCV
c. HBV
d. HEV
8. Following are the criteria for severe Aortic stenosis except
a. S3 heard
b. wide pulse pressure
c. delayed A2
d. paradoxical split
9. All are characteristic clinical findings of VSD, except
a. Wide and fixed split S2
b. Pan-systolic murmur
c. Left ventricular enlargement
d. Hyperkinetic precordium
10. In contrast to the concentration of blood urea nitrogen, the serum creatinine level is primarily influenced by
a. State of hydration
b. Nitrogen balance
c. Muscle mass
d. Vomiting

Q.2 Long Answer Questions (2 x 20 = 40)

- a. How will you approach a 01 year old cyanotic child with respiratory distress presenting in Emergency Room? Write the Differential Diagnosis and Management in detail.
- b. Write in detail the Differential Diagnosis and Management of a 3 Year old child presenting with anasarca.

Q.3 Brief Answer Questions (6 x 5 = 30)

- a. Discuss causes, clinical features and management of sepsis in newborn.
- b. Management of Hypercyanotic spell in children.
- c. Short Note on First line ATT.
- d. Classification of Anemia.
- e. Stepwise Resuscitation of a New Born who is floppy and not cried at birth.
- f. Treatment of one year old child of 09 kg body weight presenting with diarrhea, vomiting with severe dehydration.

Q.4 Short Answer Questions (10 x 2 = 20)

- a. Interpretation of Mantoux test.
- b. Clinical features of Cerebral Malaria.
- c. Pentavalent Vaccine.
- d. Modified Jones's criteria of Rheumatic heart disease.
- e. Developmental Quotient.
- f. Enumerate causes of hypertension in children.
- g. ZIKA Virus presentation.
- h. Causes of Intra Uterine Growth Retardation.

i. Causes of seizures in newborn.

j. Acute Flaccid paralysis.

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