

# Question Paper

Exam Date & Time: 06-Feb-2024 (10:20 AM - 01:00 PM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**THIRD PROFESSIONAL YEAR MBBS PART - II DEGREE EXAMINATION - FEBRUARY 2024**  
**SUBJECT: PAEDIATRICS**  
**(CBME SCHEME- REGULARS)**

**Marks: 80**

**Duration: 160 mins.**

**Answer all the questions.**

**Write Diagrams wherever necessary**

## **Long Essay**

- 1) A 12-month-old child is brought with complaints of fever for 1 day and an episode of generalized tonic clonic seizure lasting for 5 minutes.
- 1A) What is the likely diagnosis? (1)
- 1B) Write the emergency management of this child? (3)
- 1C) Add a note on prophylaxis. (3)
- 1D) What are the symptoms and signs in the above child that would prompt you to do a CSF analysis? (3)
- 2) A neonate born at 28 weeks of gestation develops tachypnea in the delivery room.
- 2A) What is the likely diagnosis? (1)
- 2B) Write the etiopathogenesis and clinical features in the above condition? (4)
- 2C) Add a note on diagnosis, management and preventive strategies. (5)

## **3) Short Essay**

- 3A) A 2-year-old boy is able to sit without support. However, he is not able to stand or walk. What is the developmental quotient (DQ)? Write the gross motor milestones from birth to 2 years of age (2+2 = 4)
- 3B) A child with chronic renal failure is brought to emergency room with lethargy. Blood test shows potassium of 8 mEq/L and ECG shows peaked T waves. Write the management in this child?(4)
- 3C) Age independent anthropometric indices (4)
- 3D) A 3-year-old girl is brought with bowing of legs and wrist widening. What are the radiological features seen on X-ray in this child? How will you treat this child? (2+2 = 4 marks)
- 3E) A term newborn develops jaundice at 12 hours of life. Write 4 possible causes for the same. What investigations will you do in this child to confirm the etiology? (2+2 = 4)
- 3F) DPT Vaccine- type, dose, route, schedule, side effects (4)
- 3G) Causes of portal hypertension in children. What are the clinical features of portal hypertension in children? (2+2 = 4 marks)
- 3H) A 6-month-old infant is brought with progressive pallor and hepatosplenomegaly. What investigations will you carry out (with justification) to arrive at a diagnosis? (4)

- 3I) A 10- year old girl is brought to emergency room with cough since last 2 days which aggravates at night. On examination she has tachypnea and extensive rhonchi in bilateral lung fields. How will you manage this child in the emergency? What advice will you give at discharge? (3+1 = 4 marks)
- 3J) Jones criteria for diagnosis of acute rheumatic fever. (4)
- 3K) An 18-month-old child is brought with bluish discoloration of lips and nail beds with altered sensorium. Mother gives history of the child squatting after running for a short distance. On auscultation there is a systolic murmur with thrill and loud P2. How will you manage this child? (4)
- 3L) A 5-year-old boy is brought with history of passing cola colored urine. On examination his BP is 130/80. He has bilateral pitting pedal edema. How will you investigate this child? Add a note on management? (2+2 = 4)
- 3M) Causes of obesity in children. Complications of obesity in children (2+2 = 4)
- 3N) Criteria for diagnosis of Juvenile Idiopathic arthritis (JIA) in children. Types of JIA in children (2+2 = 4)
- 3O) Clinical features and complications of Mumps infection in children. (4)

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