Reg. No.	

# MANIPAL ACADEMY OF HIGHER EDUCATION

# FINAL MBBS PART - II DEGREE EXAMINATION - APRIL 2025

**SUBJECT: PAEDIATRICS (ESSAY)** 

(OLD REGULATION)

Friday, April 11, 2025

Time: 10:10 – 11:30 Hrs. Maximum Marks: 40

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### **∠** Long Essay:

- 1. A 3 year old child is brought with delayed attainment of developmental milestones. She attained roll over by 2 years of age and has attained reaching out since 2 ½ years of age. She can only babble and has just attained stranger anxiety.
- 1A. What is her developmental quotient in each domain?
- 1B. What are the milestones that she should have attained by 3 years of age?
- 1C. Enlist any 4 causes of delayed development.
- 1D. What will be her age appropriate anthropometry in case of normal nutrition?

(2+2+2+2=8 marks)

#### 2. Write short notes on the following:

- 2A. A 1 year old child is brought with short stature. He also has constipation, protruding tongue and dry skin. His mother feels him more lethargic than his sibling. What is the most probable diagnosis? What is the investigative plan and management in this case?
- 2B. Discuss the etiology and clinical features of congestive cardiac failure in infants.
- 2C. An 8 year old child presents with edema and periorbital puffiness. His investigations show that the Urine routine has 1 + proteinuria, blood ++, numerous RBCs in microscopy. What is the most probable diagnosis? Discuss 3 complications of this condition
- 2D. Discuss features of nutritional rickets (any 8)
- 2E. A 11 year old child is brought with fever, jaundice, high coloured urine and vomiting. He has history of consumption of food from a roadside eatery. What is the diagnosis? Discuss the investigations and management.

- 2F. Detail the Rotaviral vaccine Under the following headings
  - i) Type
  - ii) Dose and route
  - iii) Schedule
  - iv) Adverse effects
- 2G. A 9 month old child is brought with swelling in the knee joint after a trivial fall. On examination, the joint is swollen with warmth. There is history of his brother (4yr) having similar complaints as well as his maternal uncle and they both are on treatment for the same. What is the most probable diagnosis? Draw the pedigree chart for this family. Outline the investigative plan.
- 2H. Detail 4 differential diagnoses of Acute flaccid Paralysis. Mention their differences (any 4) in a tabular form

 $(4 \text{ marks} \times 8 = 32 \text{ marks})$ 

