



All India Institute of Medical Sciences, Kalyani

Fourth Professional MBBS Supplementary Examination, May 2025

Time: 3 Hrs.

Paediatrics

Marks: 100

Instructions for Section-B & C:

- Answer all questions.
- Answer the questions in the same serial order strictly.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

SECTION – B (40 MARKS)

Long Answer Questions:

[1×10=10]

1. Enumerate the differences between physiological and pathological jaundice in newborn. What are the causes of pathological jaundice? Describe the diagnosis and management of pathological jaundice in newborn. (2+3+2+3)

Short Answer Questions:

[6×5=30]

2. Discuss the clinical features and management of severe malaria in children.
3. Briefly describe the clinical features, causes, and management of hypokalemia in children.
4. Development in a 1 year old child.
5. Management of Dehydration.
6. Write down different types of HPV vaccines and their schedules. Which HPV vaccine can be given to Males? (2+2+1)
7. What is Eschar? Which areas will you look for? What is the cause of Eschar? What medications will you advise in a 5-year-old boy with Eschar and hypotensive shock? (1+1+1+2)

SECTION – C (40 MARKS)

Long Answer Questions:

[1×10=10]

1. One-year-old Manu has been having breathing difficulty for the last 7 days. This is her 3rd admission in last 1 year. Mother is also complaining of forehead sweating and suck-rest-suck cycle while feeding. What is the most likely diagnosis? Enumerate the causes in this age group. How will you manage her? What is Nadas Criteria? (1+2+3+4)

Short Answer Questions:

[6×5=30]

2. Mention four differences between simple and complex febrile seizures. Discuss management of simple febrile seizures.
 3. Enumerate the clinical features and discuss the management of a child with hypothyroidism.
 4. Write short note on Nocturnal enuresis.
 5. Write the classification of Pneumonia and its management as per National program.
 6. Write briefly the clinical features and diagnosis of a child with chronic liver disease. (2+3)
 7. Write short note on pyogenic meningitis in children.
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