



**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES—NOVEMBER 2019**  
**PAEDIATRICS Paper II**

Date: 27.11.2019

Time: 03 hours

**ANSWER ALL THE SIX (6) QUESTIONS**

Answer each question in separate answer book

- 1        3 day- old baby boy was seen in the postnatal ward for jaundice. He was born by normal vaginal delivery with the birth weight of 3 kg with the APGAR score of 9,10,10
  - 1.1 List the possible causes for jaundice in this baby. ( 20Marks)
  - 1.2 What other information will you obtain in the history and examination to arrive at a diagnosis? ( 30Marks)
  - 1.3 List the investigations you will request in this child to arrive at a diagnosis giving reason? ( 20 Marks)
  - 1.4 Outline the management plan of this baby (30 Marks)
  
- 2        Describe the **management plan** for following situations **at the emergency department**
  - 2.1 An 8 months old baby with severe dehydration due to acute gastroenteritis (30 Marks)
  - 2.2 A 2 year old child with convulsion lasting for 30minutes (40 Marks)
  - 2.3 A 10 year old child with anaphylactic shock following IV Antibiotic. (30 Marks)
  
- 3        An eleven-year-old girl was admitted to the general Paediatric ward with the history of fever and painful swelling of left knee joint and right elbow joint of seven days duration
  - 3.1 List five (5) possible causes for this presentation (20 Marks)
  - 3.2 What other information will you obtain from the history and examination to arrive at a diagnosis? (20 Marks)
  - 3.3 List the investigations you will order giving reasons (20 Marks)
  - 3.4 Briefly describe the management of the most likely diagnosis (40 Marks)

- 4 A 7 year old girl is admitted with blurred vision and severe headache for one day duration. She also has reduced urine output for 2 days. On examination she has facial puffiness and ankle oedema.
- 4.1 List other information you will obtain from the history (20 Marks)
- 4.2 List the important clinical signs you would elicit to help in the diagnosis (20 Marks)
- 4.3 List **four (4)** investigations you will order in this patient (20 Marks)
- 4.4 Describe the steps in the management of this patient (40 Marks)
- 5 What **advice** will you give at discharge in the following clinical scenarios?
- 5.1 A 6 year old who has recovered from dengue haemorrhagic fever (30Marks)
- 5.2 A 3 year old treated for blood and mucous diarrhoea (30 Marks)
- 5.3 A 6 year old with simple Obesity (40Marks)
- 6 1 year old baby girl is admitted to the paediatric ward with the history of fever and cough for 8 days duration. She was treated for the same illness by the general practitioner with the oral antibiotic for 3 days prior to the admission for which the symptoms had not improved. On admission the child is ill, febrile, with the respiratory rate of 62 cycles/minutes
- 6.1 What other information will you obtain in the history and examination to arrive at a diagnosis? (30Marks)
- 6.2 List the investigations you will request in this child to arrive at a diagnosis mentioning the expected finding? (20 Marks)
- 6.3 List the possible organisms that can give rise to this clinical picture (10Marks)
- 6.4 Mention the empirical antibiotic of choice for this child. (10 Marks)
- 6.5 She was commenced on the empirical antibiotics on admission after taking the blood for basic investigations. Fever persisted despite IV antibiotics for 3 days and the clinical condition remained same. Mention the causes of poor response after 3 days? (10 Marks)
- 6.6 Outline the management plan for this child (20 Marks)