

Medical Library

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES–MAY 2017**  
**PAEDIATRICS Paper II**

Date: 04.05.2017

Time: 03 hours

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

Answer each question in separate answer book

- 1 A two days old baby was admitted to the neonatal unit with a history of recurrent episodes of apnoea of twelve hours duration. This baby was delivered at home. The weight on admission was 1.6 kg.
  - 1.1 Define the term significant apnoea (10 Marks)
  - 1.2 List the most likely causes of recurrent apnoea in this baby (10 Marks)
  - 1.3 What other information will you obtain in the history and examination to arrive at a diagnosis (30 Marks)
  - 1.4 What investigations will you order, give reasons (20Marks)
  - 1.5 How will you manage this child in the neonatal unit (30 Marks)
  
- 2 Three year old boy was admitted with the history of generalized body swelling and reduced urine output of two days duration. On examination he had puffiness of face and ankle oedema.
  - 2.1 What other information you will obtain from the history and examination to arrive at the diagnosis (30Marks)
  - 2.2 Enumerate the investigations you will order and the expected findings to arrive at a diagnosis (20Marks)
  - 2.3 His urine ward test shows protein of 4+. How will you manage this condition (30Marks)
  - 2.4 On day 4 while on treatment he developed abdominal pain and vomiting. List five (5) possible causes for this presentation (10 Marks)
  - 2.5 List five (5) poor prognostic features of this condition (10 Marks)
  
- 3 What advice will you give in the following clinical scenarios?
  - 3.1 Six month old baby whose mother wants to know about complementary feeding (45 Marks)
  - 3.2 One year old diagnosed to have chronic liver cell disease following biliary atresia (30Marks)
  - 3.3 6 year old who has recovered from dengue haemorrhagic fever (25 Marks)

- 4 8 year old girl is seen at the paediatric clinic for short stature. She was born normally with a birth weight of 3kg. Her current weight is on 2SD and height is <-3SD.
- 4.1 List five (5) possible causes for this presentation (15 Marks)
- 4.2 What information will you obtain from the history and examination to arrive at a diagnosis? (25Marks)
- 4.3 The bone age in this child was 6 years. How would you interpret the bone age in this child? (15 Marks)
- 4.4 List the other investigations you will perform giving reasons (25 Marks)
- 4.5 The doctors decide to monitor this child regularly in the paediatric clinic. List the aspects that you will monitor in the clinic giving reasons (20 Marks)
- 5 8 year old boy from a recently resettled area is brought by her mother with the history of fever of 2 weeks duration. He is also having cough for the last one month duration. On examination he is emaciated , weight is below the 3<sup>rd</sup> centile, febrile and the respiratory rate is 48/minutes
- 5.1 List the possible causes for this presentation (20 Marks)
- 5.2 Describe the clinical features you will look for to differentiate your above mentioned causes (30 Marks)
- 5.3 How will you investigate this child and explain your expected findings (20 Marks)
- 5.4 He was started with broad spectrum Intravenous antibiotics but did not show a response even after 72 hours.  
How will you manage this child? (30 Marks)
- 6 Describe the management plan for a child admitted to the emergency department with the following history
- 6.1 3 year old child admitted with status epileptics (40 Marks)
- 6.2 6 months old child with VSD admitted with heart failure (30 Marks)
- 6.3 9 months old diagnosed child with congenital adrenal hyperplasia admitted with an unresponsive episode (30 Marks)