

UNIVERSITY OF JAFFNA, SRI LANKA

FINAL EXAMINATION FOR MEDICAL DEGREES – DECEMBER 2009

PAEDIATRICS PAPER II

DATE: 04.12.2009

TIME ALLOWED: 3 Hours

1.00 – 4.00 P.M

ANSWER ALL SIX QUESTIONS

1. A five year old child was referred to the paediatric clinic by the Medical Officer/ OPD for persistent cough of 2 months duration.
 - 1.1 List 5 common causes for this presentation? (10 marks)
 - 1.2 Outline briefly, giving reason, the information you would obtain in the history from the mother of this child? (25 marks)
 - 1.3 Outline briefly, giving reason, the examination finding you will look for in this child? (25 marks)
 - 1.4 Outline your plan of management of this child? (40 marks)

2. A six month old baby boy is admitted to the Paediatric ward with a history of fever for 5 days duration. Mother said that the baby has vomiting, refusing feeds and passing cloudy urine.
 - 2.1 List 3 common causes for this presentation? (15 marks)
 - 2.2 List the relevant further history and clinical signs you would elicit to manage this baby? (25 marks)
 - 2.3 List 5 investigations you will request? (10 marks)
 - 2.4 Outline briefly the acute management of the most likely diagnosis? (35 marks)
 - 2.5 Outline briefly the plan of follow up activities? (15 marks)

3. A six year old girl was admitted to the paediatric unit, TH/ Jaffna with three days history of high continuous fever, vomiting, severe headache & myalgia.
 - 3.1 Mention 4 common causes for this Presentation? (20 marks)
 - 3.2 On examination she was found to be flushed. Outline the important aspects of examination to support the likely diagnosis? (20 marks)
 - 3.3 What is the most likely diagnosis? (10marks)
 - 3.4 List the investigations with reasons that will support your diagnosis? (10marks)
 - 3.5 On next day morning, she developed severe abdominal pain & became restless. Outline the principles of management? (40 marks)

4. A two year old child was admitted with the history of fever, vomiting and loose stool for 3 days duration. On examination the child was found to be dry & thirsty.
- 4.1 What information you would like to obtain from the history & examination to assess the degree of dehydration? (40marks)
- 4.2 Outline the management of this child? (40 marks)
- 4.3 Child's fever & vomiting settled by next day. But loose stool persisted with abdominal distention for 2weeks. What is the likely diagnosis and how will you manage this situation? (20 marks)
5. A 14 month old baby boy from IDP camp is brought into the hospital by his mother because he is weak and there has been body swelling for a few days. On examination he is apathetic, miserable, oedematus and has diffuse rash including severe nappy rash, and brittle hair.
- 5.1. What is the diagnosis? (04 marks)
- 5.2. Describe your initial management of the child, indicating what specific complications you are looking for (30 marks)
- 5.3. There is a high incidence of associated infections with this condition. What type of infections would you expect and what investigations would you do to try to diagnose them (minimum 4 infections and 4 investigations) (16 marks)
- 5.4. Describe your subsequent approach to management once the patient has been stabilized (30 marks)
- 5.5. If this child's mother decides to keep the child in camp in the future, what support measure would you provide?
(20 marks)
6. A 10 day old neonate admitted to the emergency unit (EU) with the history of bleeding. How will you approach, evaluate and manage the case? (100 marks)