

UNIVERSITY OF JAFFNA, SRI LANKA
FINAL EXAMINATION FOR MEDICAL DEGREES –June 2010
Paediatrics Paper II

Date: 23.06.2010

Time Allowed: 3Hrs.

Answer All **Six** Questions

Answer each question in separate answer sheet

1. A 7 year old girl was referred to paediatric clinic with a history of tiredness and eating of sand (picca) of one year duration. On examination she was moderately pale.
 - 1.1. What is the most likely diagnosis? (20 Marks)
 - 1.2. Outline the important aspects in the history that would help you to find out the causes for your diagnosis? (30 Marks)
 - 1.3. List with reasons five (5) important investigations you will request? (20 Marks)
 - 1.4. Outline the management of this child? (30 Marks)

2.
 - 2.1. Define the term complementary feeding. (20 Marks)
 - 2.2. What are the functions of complementary feeding- (mention 3). (15 Marks)
 - 2.3. What factors influence the timing of complementary feeding- (mention 4). (20 Marks)
 - 2.4. Give a weaning dietary schedule for:
 - 2.4.1. A 6 month old infant. (15 Marks)
 - 2.4.2. A 9 month old infant. (15 Marks)
 - 2.4.3. A year old child. (15 Marks)

3. A 1 year and 6 month old girl from Kondavil was admitted with the history of recurrent vomiting, rash, poor feeding and malaena of one day duration. On examination she was afebrile, pale and had cold and clammy peripheries with un-recordable blood pressure.
 - 3.1. Give three (3) differential diagnoses with reasons. (15 Marks)
 - 3.2. Enumerate the investigations you will order to arrive at a diagnosis. (25 Marks)
 - 3.3. What are the information you will obtain from history and examination to arrive at a diagnosis? (20 Marks)
 - 3.4. How will you manage the child on admission and subsequently? (40 Marks)

4. A 14 months old child was brought to casualty ward with a history of acute onset of stridor.
- 4.1. List five (5) possible causes for this child presentation. (25 Marks)
 - 4.2. Describe the clinical features that will help to identify the underlying aetiology and to plan management. (50 Marks)
 - 4.3. Describe the management of one of the above mentioned causes. (25 Marks)
5. A 2 hour old term baby was admitted to Jaffna Teaching Hospital's special care baby unit with a history of progressively increasing breathing difficulty since birth.
- 5.1. List 5 possible causes. (20 Marks)
 - 5.2. Enumerate, giving reasons the information that has to be obtained from the history and the findings from the clinical examination that would help you to arrive at a diagnosis and manage this baby. (30 Marks)
 - 5.3. Enumerate with reasons, the investigations that you would request on this baby to arrive at a diagnosis. (20 Marks)
 - 5.4. Discuss briefly the management of this baby. (30 Marks)
6. 3 year old Vinoth is admitted to paediatric ward with nausea and loss of appetite. He also has poor urinary stream since infancy and following paediatric clinic regularly. He is the only child of the non- consanguineous parents. Educational and economic statuses of the parents are satisfactory. On examination he was pale and lethargic. Blood pressure was 130/90. His height and weight are below the -3rd standard deviation.
- 6.1. Outline the relevant history and examination. (20 Marks)
 - 6.2. Describe the investigations you would perform during this admission (with reasons). (30 Marks)
 - 6.3. Outline the steps in the acute management of this child. (20 Marks)
 - 6.4. Enumerate the follow up. (20 Marks)
 - 6.5. During early infancy Vinoth had a surgery for poor urinary stream with lower abdominal distension. What is the diagnosis? (10 Marks)