

UNIVERSITY OF JAFFNA, SRILANKA
FINAL EXAMINATION FOR MEDICAL DEGREES – MARCH 2009

PAEDIATRICS PAPER II

Date: 04.03.2009

Time Allowed: 03 Hrs

1.00 – 4.00 PM

Answer All Six Questions

Answer each part in separate answer book

Part A

1. A 10 months old child was brought to the Emergency Treatment Unit with history of chesty cough and gradually worsening shortness of breath for 4 days.

- 1.1. List 3 possible causes. (15 marks)
1.2. What additional information would you look in history and examination to support your possible causes? (35 marks)
1.3. How would you manage this child? (50 marks)

2. A 5 week old baby boy was admitted to the Paediatric Unit with history of vomiting after each feed since 4th week of age. Baby was born at term with birth weight of 3.0 kgs.

- 2.1. Name 3 possible causes. (15 marks)
2.2. What relevant aspects in the history and examination would help to arrive at a diagnosis? (30 marks)
2.3. How are you going to investigate this baby? (15 marks)
2.4. This baby's elder brother had surgery for similar illness at the age of 5 weeks of age. What is the most likely diagnosis? (10 marks)
2.5. How would you manage this baby? (30 marks)

3. A 3 day old term baby was admitted to special care baby unit with 2 episodes of tonic movements of limbs. Mother had poorly controlled diabetes mellitus. Baby's birth weight was 4.5 kgs.

- 3.1. List 4 possible causes for this tonic movements (20 marks)
3.2. How would you investigate this baby? (20 marks)
3.3. Baby developed high fever and bulging anterior fontanelle on day 4 of age. What is the most likely diagnosis? Outline the management of this baby. (40 marks)
3.4. List 4 possible complications of 3.3. (20 marks)

PART B

- 4.
- 4.1. Describe how you would manage a known 6 year old asthmatic who presents with an acute severe exacerbation. (40 marks)
- 4.2. Describe your approach to the management and subsequent follow up of a 6 week old boy with a proven urinary tract infection (30 marks)
- 4.3. Describe the criteria for diagnosing a single febrile seizure, the acute management, and the advice you would give the parents of a 2 year old child with a recent simple febrile seizure including advice regarding prognosis (30 marks)
5. A 4-year old girl presents to you with a vaginal discharge for 2 days. The mother says that the discharge is greenish and quite copious. Just before this started, she noticed a spot of dry blood on the child's panty. Since then the child did not want her to wash her genital area and she complained about when she had to urinate. When the discharge started, the mother became concerned, but because she works night shifts, this was her first opportunity to bring the child to the doctor.
- 5.1. What is the differential diagnosis (mention 5)? (25 marks)
- 5.2. You suspect from the history that the child has been sexually abused. Briefly describe all the responsibilities of the doctor in the management of this child. (50 marks)
- 5.3. What special investigation would you do in this case? (25 marks)
6. Write short notes
- 6.1. Gastroesophageal reflux disease in children (GORD) (35 marks)
- 6.2. Attention Deficit and Hyperactivity Disorder (35 marks)
- 6.3. Developmental dysplasia of the hip (30 marks)