

UNIVERSITY OF JAFFNA, SRI LANKA
FINAL EXAMINATION FOR MEDICAL DEGREES–December 2011
PAEDIATRICS Paper II

Date: 07.12.2011.

Time: 03 hours

ANSWER ALL THE SIX (6) QUESTIONS

Answer each question in separate answer book

- 1 A Six month old baby boy was admitted to the emergency treatment unit of TH Jaffna with the history of inconsolable cry of 3 hours duration. He had refusal of feeds and on admission had one episode of vomiting.
- 1.1 Mention 5 differential diagnosis (20 Marks)
- 1.2 What other information would you obtain in the history and examination to arrive at a diagnosis (20 Marks)
- 1.3 List the investigations giving reasons that you would request in this patient (20 Marks)
- 1.4 On examination if the baby has neck retraction, describe the management of the most likely diagnosis (40 Marks)
- 2 A 6 year old boy, previously well is admitted with a two days history of swollen legs. His urine is dark brown colour. He has an inflamed pharynx and healed impetigo on his legs. Urine dipstix has blood 4+ and protein 2 +.
- 2.1 What is the most likely diagnosis (10 Marks)
- 2.2 Explain the pathogenesis of this condition (20 Marks)
- 2.3 List 3 common complications of this condition (10 Marks)
- 2.4 What investigations will you order and give 2 reasons for each investigation (25 Marks)
- 2.5 Describe the management of this child (35 Marks)
- 3 A 7 year old girl was admitted with fever and right hypochondrial pain of 3 days duration. Mother had given 1 tablet of adult paracetamol 6 hourly for 3 days. On examination she was febrile, ill and had a tender hepatomegaly of 3 cm. Her weight was 20kg.
- 3.1 List the differential diagnosis (15 Marks)
- 3.2 What further information will you obtain in the history and examination to arrive at a diagnosis (25 Marks)
- 3.3 On the 2nd day of admission she is found to be agitated, disoriented and confused. What complication has occurred? (10 Marks)
- 3.4 How will you manage this child? (50 Marks)

- 4 You are called to the labour room for an impending delivery in a mother who is 18 year old primi. The gestation is 42 weeks. There is thick meconium noticed at the second stage of labour. She ended having a vacuum extraction and received pethidine IM injection 2 hours prior to the delivery.
- 4.1 Identify five(5) risk factors in the delivery and list two(2) possible complication for each risk factor (30 Marks)
- 4.2 Briefly discuss how you would handle the resuscitation with specific emphasis on the management of the anticipated complications (70 Marks)
- 5 Describe the management of the following clinical situations.
- 5.1 6 year old girl with quadriplegic cerebral palsy having severe contractures and is bed ridden (40 Marks)
- 5.2 11 year old boy diagnosed to have Juvenile idiopathic arthritis (30 Marks)
- 5.3 7 year old girl with Thalassaemia major having short stature (30 Marks)
- 6 A 9 month old baby is admitted to the paediatric ward with swelling of right mid arm. Mother gives a history of fall two days ago while playing. Father is an alcoholic and has been to prison. The child had not received any vaccines after the BCG. Examination showed a child with poor general hygiene, mildly pale and a tender swelling of the right mid arm with bruising.
- 6.1 What is the most likely diagnosis? (10 Marks)
- 6.2 List the investigations you will order giving reasons (30 Marks)
- 6.3 Describe the management this child (60 Marks)