



UNIVERSITY OF RUHUNA
FACULTY OF MEDICINE
GALLE.

FINAL MBBS EXAMINATION - 08th DECEMBER 2010
PAEDIATRICS PAPER I

1.00 p.m. – 4.00 p.m. (Three hours)

1. There are six parts (A, B, C, D, E & F).
2. There is one question each in each part.
3. Answer all six questions.
4. Answer each question in the space provided.
5. Write the index number in the space provided on top of each part.

Q1. A 5 yr old boy with frequent relapsing nephrotic syndrome presented with anuria for the last 24hrs. He was febrile, oedematous and the blood pressure was 100/80mm/Hg.

1.1 Give 3 possible causes for the anuria in order of priority. (30 marks)

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1.2 List 6 investigations you would do on admission with relevance to the causes you have mentioned in 1.1. (15 marks)

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1.3 What is your management in the acute stage? (15 marks)

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1.4 Child developed severe abdominal pain on the following day.

Give 2 possible causes. (20 marks)

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1.5 List the long term complications you would anticipate in this child. (20 marks)

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Part B

Index No.....

Q 2.

2.1. List 3 aetiological agents which cause pyogenic meningitis in a 6 month old infant. (15 marks)

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2.2. List 4 important investigations you would perform in the above mentioned infant indicating the expected abnormalities. (20 marks)

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2.3. Mention the drugs used in the treatment of pyogenic meningitis giving reasons for your selection. (20 marks)

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Part C

Index No.....

Q 3. A baby was delivered by an emergency LSCS at 41 weeks of gestation due to foetal distress.

Thick meconium was detected at birth. At birth the baby was pale, floppy, not breathing and the heart rate was 40 beats per minute.

3.1. what is the APGAR score at birth. (10 marks)

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3.2. Mention immediate steps you would take at birth in the resuscitation of this baby. (20 marks)

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3.3 . After the initial intervention ,the baby was crying at 2 minutes after birth and was transferred to Special Care Baby Unit. At the age of 2 hrs baby started grunting with respiratory rate of 90 per minute and intercostals and sub costal recessions.

Mention the complete diagnosis. (10 marks)

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3.4. Mention the investigations you would perform in this neonate at this point. (20 marks)

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3.5. Mention 4 important steps in the management of this infant at this stage. (20 marks)

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3.6 .List 5 complications you would anticipate in this neonate. (20 marks)

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Part D

Index No.....

Q4.A 28 days old baby was brought to the well baby clinic for routine inspection. Baby was noted to be icteric.

4.1. Enumerate the clinical information that would be helpful to find the cause for the jaundice in this baby. (20 marks)

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4.2. List 5 clinically important causes for this baby to be jaundiced at this stage. (20 marks)

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4.3. Mention the most important cause to be excluded and state why it is important? (20 marks)

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4.4. Explain how you would investigate this neonate giving reasons? (20 marks)

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4.5. List the steps in the medical management of a neonate with obstructive jaundice. (20 marks)

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Q6. A 14 yr old girl was referred to the paediatric clinic for the investigation of short stature.

Patient's height 135 cm
Mother's height 155 cm
Father's height 162 cm
Bone age 7yrs

6.1. Mention 3 important information you would like to obtain in the history to arrive at a diagnosis. (10 marks)

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6.2. Discuss 5 clinical features that would help you in the differential diagnosis. (20 marks)

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6.3 .Calculate the mid parental height. (10 marks)

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Index No.....

6.4. Draw the mid parental height range in the given growth chart. (10 marks)

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6.5. What is the height age of this child? Plot in the given growth chart. (10 marks)

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6.6. List 4 possible causes for this girl's short stature. (20 marks)

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6.7. Discuss 4 investigations you would perform in order to find out the cause of short stature in this child. (20 marks)

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