



UNIVERSITY OF RUHUNA
FACULTY OF MEDICINE
GALLE.

FINAL MBBS EXAMINATION - 6th NOVEMBER 2007
PAEDIATRICS PAPER I

9.00 A.M. – 12.00 NOON (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.

Part A

Index no.....

1. A term baby with a birth weight of 3.0kg during a routine visit to the well baby clinic at four weeks of age. The weight was 2.9 kg.

1.1 List the criteria required to make a diagnosis of lactation failure in this situation. (20 marks)

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1.2 List four other conditions which could present in this manner. (20 marks)

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1.3 Discuss the clinical features which would help in the differential diagnosis of the conditions mentioned in 1.2 above. (20 marks)

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1.4 List the investigations you would perform in this child and describe the expected findings in the conditions mentioned in 1.2 above. (20 marks)

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1.5 Outline the principles of the management of lactation failure. (20 marks)

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Part B

Index no.....

2. Discuss how you would administer intravenous fluids to a child with

2.1 Hypernatraemic dehydration. (25 marks)

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2.2 Haemolytic uraemic syndrome and acute renal failure. (25 marks)

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2.3 Encephalitis.

(25 marks)

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2.4 Diabetic ketoacidosis.

(25 marks)

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Part C

Index no.....

3. Propose the discharge plan for the following.

3.1 One year old girl who had Haemophilus influenzae type b meningitis. (35 marks)

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3.2 An eight year old girl with absence (petit mal) seizures. (35 marks)

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Part D

Index no.....

4. A 5 year old previously healthy boy presented with a history of exercise intolerance and lethargy of one week duration. He has had a febrile illness of 3 days duration 2 days prior to the onset of these symptoms.

On examination he was pale and mild icterus was noted on the bulbar conjunctiva.

4.1 What information in the history and physical findings would be useful in the diagnosis of the present illness? (20 marks)

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4.2 Give the differential diagnosis. (15 marks)

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4.3 What investigations would you do giving reasons to arrive at a diagnosis? (40 marks)

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4.4 What is the most likely diagnosis? (10 marks)

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4.5 List the etiological factors for the most likely diagnosis. (15 marks)

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Part E

Index no.....

5. Discuss the investigations you would perform in the following conditions indicating the results you would expect to find.

5.1 Two year old girl with bowing of legs. (30 marks)

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5.2 Five year old boy with second episode of macroscopic haematuria. (40 marks)

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5.3 six weeks old infant with bilious vomiting. **(25 marks)**

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