

AR / FM



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UNIVERSITY OF RUHUNA
FACULTY OF MEDICINE
GALLE.

FINAL MBBS EXAMINATION - MAY 2012
PAEDIATRICS PAPER I

10th MAY 2012
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 eight year-old boy presented with fever and painful swelling of knee and ankle joints of 6 days duration. He also had non productive cough for which GP had given oral amoxicillin and clarithromycin.

1.1 List three differential diagnoses. (30 marks)

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1.2 List five investigations you would perform in order to arrive at a diagnosis.

Mention the expected results in each of the investigation for the each of the conditions stated in 1.1 above. (30 marks)

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Child developed a mild to moderate chest pain two days after admission.

1.3 Mention the possible ways of developing chest pain in each of the conditions

listed in 1.1

(20 marks)

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1.4 Outline the management of one of the condition you mentioned in 1.1 (20 marks)

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Part C.

Index No.....

Q3 List five important complications you would anticipate in a child with each of the following conditions.

3.1 Lumber-sacral meningo-myelocoele

(25 marks)

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3.2 Tetralogy of Fallot

(25 marks)

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3.3 Pyogenic meningitis

(25 marks)

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3.4 Idiopathic nephrotic syndrome

(25 marks)

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20%
20%
20%
20%

Q4

4.1 Write five conditions that could cause constipation in paediatric age group.

(25 marks)

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4.2 Define the following terms.

(a) Faecal soiling

(10 marks)

(b) Encopresis

(10 marks)

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4.3 Briefly explain the effects of faecal soiling in a child with constipation.

(20 marks)

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4.4 Explain the behavioral mechanisms by which the severity of constipation could become worse in an untreated child. (15 marks)

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4.5 Enumerate the steps of the management of a child with constipation. (20 marks)

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Part E

Index No.....

Q5

5.1 Define cerebral palsy.

(10 marks)

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5.2 List five causes of cerebral palsy.

(20 marks)

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5.3 List five problems associated with quadriplegic cerebral palsy.

(20 marks)

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5.4 Describe the multidisciplinary approach in the case of a child with quadriplegic cerebral palsy. (50 marks)

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IndexNo.....

Part F

Q6 Describe briefly the acute management of the following conditions.

6.1 A four year-old boy with acute idiopathic thrombocytopenic purpura presented with spontaneous gum bleeding and platelet count of $8000/\mu\text{L}$ (30 marks)

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6.2 A five year-old child with acute epiglottitis. (30 marks)

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6.3 A eight year-old child with diabetic ketoacidosis.

(40 marks)

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