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UNIVERSITY OF RUHUNA  
FACULTY OF MEDICINE  
GALLE.

**FINAL MBBS EXAMINATION SEPTEMBER 2002  
PAEDIATRICS PAPER 1**

**Duration – 3 hours.**

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

**Part A**

**1.1.1.What are the clinical manifestations of vitamin A deficiency?**

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(15 marks)

**1.1.2.How would you identify a community at risk of vitamin A deficiency?**

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(15 marks)

**1.2.1.What are the predisposing factors for the development of rickets?**

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(15 marks)

**1.2.2.What biochemical abnormalities you would expect to find in a child with nutritional rickets?**

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(15 marks)

1.2.3. Outline the principals of management of severe protein energy malnutrition.

**Index No.....**

## Part B

- 2.1 Give three features in the history you would consider to identify constipation in a child. (15 marks)**

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- 2.2 What are the differences between soiling and encopresis?(10 marks)

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- 2.3. Mention five organic causes for constipation in children. (25 marks)

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- 2.4. Discuss briefly the vicious cycle of functional constipation. (20 marks)

**2.5. Enumerate the principals of management of functional constipation. (30 marks)**

**Index No.....**

### **Part C**

3.1. What are the aetiological factors for prematurity? (20 marks)

3.2. Mention 10 early complications of prematurity. (20 marks)

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3.3.Mention 5 late complications of prematurity.(20 marks)

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3.4. Outline the management of 3 early complications of prematurity.  
(30 marks)

3.5. Indicate one mode of prevention of an early complication of prematurity.  
(10 marks)

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Index No.....

### Part D

4.A nine-year-old girl with a history of lethargy, loss of appetite for a period of one month was admitted to the ward with pallor and multiple echymotic patches for three days. There were no lymphadenopathy and hepatosplenomegaly. There was a continuous murmur in the neck disappearing when lying down.

4.1.Give 5 important questions you would ask from the parents or patient to arrive at a diagnosis.(15 marks)

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4.2.What is the most likely diagnosis?(15 marks)

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4.3.List the relevant investigations giving expected findings.(30 marks)

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4.4.What is the cause for the continuous murmur heard in the neck.

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(10 marks)

4.5. Outline the management of this condition.(30 marks)

Index No.....

**Part E**

5.A seven year old child presented with cough and fever.

5.1.Give 5 physical signs you would look for to diagnose lobar pneumonia in this child.(15 marks)

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5.2.Name 5 organisms responsible for community acquired pneumonia in children.(15 marks)

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5.3.Name 4 organisms responsible for pneumonia in an immuno-compromised child.(20 marks)

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5.4.What are the complications of lobar pneumonia?(20 marks)

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5.5. Mention the appropriate antibiotics used for the treatment of different organisms causing pneumonia in children. (30 marks)

Index No.....

## Part F

6.A six year old child presented with recurrent haematuria.

6.1. Give 5 possible causes for this presentation?(40 marks)

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6.2. What investigations would you perform on this child to arrive at a diagnosis and give expected results.(60 marks)

