



FACULTY OF MEDICINE

UNIVERSITY OF RUHUNA

**FINAL EXAMINATION FOR MEDICAL DEGREES – AUGUST 2022  
PAEDIATRICS PAPER I**

**03.08.2022**

**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 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.

**PEDIATRICS - PAPER 1**

**Final Examination for Medical Degrees – August 2022**

**Faculty of Medicine, University of Ruhuna**

**Part A - Question No 1**

Index No: - .....

---

A 9 months old infant is presented with iron deficiency anaemia.

1.1. List **five (5)** important points you would inquire in the history to find out the aetiology of iron deficiency. (25 marks)

.....  
.....  
.....  
.....  
.....  
.....

1.2. List **four (4)** features that would be seen in the blood picture of this child. (20 marks)

.....  
.....  
.....  
.....  
.....  
.....

1.3. List **six (6)** other laboratory findings that are useful in the diagnosis of iron deficiency anaemia. (15 marks)

.....  
.....  
.....  
.....  
.....  
.....



**PEDIATRICS - PAPER 1**

**Final Examination for Medical Degrees – August 2022**

**Faculty of Medicine, University of Ruhuna**

**Part B - Question No 2**

Index No: - .....

A teenage mother with no antenatal follow up gave birth to a term baby. Pregnancy had been concealed by her until the last few weeks and she was rushed to the hospital when she had labor pains. She delivered a baby weighing 2.5Kg. On examination the baby had a myelomeningocele on the lumbosacral area of the spine.

Mother has been counselled and the baby is waiting for further management.

2.1. Enumerate **five (5)** factors that could make prognosis unfavorable in this baby.

(25 marks)

.....

.....

.....

.....

.....

.....

.....

.....

2.2. List **five (5)** complications associated with this condition.

(30 marks)

.....

.....

.....

.....

.....

.....

.....

.....



**PEDIATRICS - PAPER 1**

**Final Examination for Medical Degrees – August 2022**

**Faculty of Medicine, University of Ruhuna**

**Part C - Question No 3**

Index No: - .....

A two-year-old previously healthy girl is brought to the Outpatient Department (OPD) with a history of passing watery stools and fever of one-day duration .Her weight is 12 kg.

3.1. List **four (4)** aetiological agents which could cause watery stools in this child?  
(20 marks)

.....  
.....  
.....  
.....

3.2. The Medical officer in the OPD made the diagnosis of acute viral gastroenteritis with 'no dehydration' and decided to send the child home.

Discuss **five (5)** instructions the medical officer should give to the mother regarding the management of the child at home. (30 marks)

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....



**PEDIATRICS - PAPER 1**

**Final Examination for Medical Degrees – August 2022**

**Faculty of Medicine, University of Ruhuna**

**Part D - Question No 4**

Index No: - .....

An 8 year old girl is brought to the Emergency Department with drowsiness. She was a healthy and playful girl a month ago. She had intense thirst and polyuria both day and night and has lost 2 kg of her weight recently.

She has taken treatment for a perineal rash recently and was seen by the General Practitioner 24 hours ago for abdominal pain.

4.1. What is the most likely diagnosis? (10 marks)

.....

4.2. Mention **five (5)** investigations that are helpful in managing the acute stage with the expected results. (25 marks)

.....  
.....  
.....  
.....  
.....  
.....  
.....

4.3. Describe briefly the management of the acute stage. (40 marks)

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....





**PEDIATRICS - PAPER 1**  
**Final Examination for Medical Degrees – August 2022**  
**Faculty of Medicine, University of Ruhuna**

Part E - Question No 5

Index No: - .....

5.1 Define the following terms

a) Small for Gestational Age (SGA) (15 marks)

.....  
.....

b) Large for Gestational Age (LGA) (15 marks)

.....  
.....

5.2. List **five (05)** complications that a SGA baby would encounter during the first week of life. (25 marks)

.....  
.....  
.....  
.....  
.....  
.....

5.3. List **two (02)** complications that a LGA baby would encounter during the first week of life. (10 marks)

.....  
.....

5.4. List **three (3)** indications to screen for retinopathy of prematurity in Sri Lanka.

(15 marks)

.....  
.....  
.....  
.....

5.5. List **two (2)** main methods of treating retinopathy of prematurity.

(20 marks)

.....  
.....

**PEDIATRICS - PAPER 1**

**Final Examination for Medical Degrees – August 2022**

**Faculty of Medicine, University of Ruhuna**

**Part F - Question No 6**

Index No: - .....

A 10-year-old boy is presented with a history of bilateral ankle swelling for 3 days. On examination, his blood pressure is 140/90 mmHg.

His urine full report is given below;

Color	- light yellow
PH	- <5.0
Red blood cells	- Moderately field full
White blood cells	- 1-3
Protein	- Trace

6.1. Mention the most likely clinical diagnosis? (15 marks)

.....

6.2. Mention **two (2)** etiological factors for the above presentation. (10 marks)

.....  
.....

6.3. List **five (5)** important questions you would ask in the history to arrive at a diagnosis. (10 marks)

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

