



UNIVERSITY OF JAFFNA SRILANKA

FINAL EXAMINATION FOR MEDICAL DEGREES – MARCH 2021

PAEDIATRICS PAPER II

Date 10.03.2021

ANSWER ALL THE SIX (6) QUESTIONS

Time 03 hours

Answer the questions in the space provided.

INDEX NO

Question No 1

A 3 days old baby was admitted to the special care baby unit with the history of poor sucking of 24 hours duration. The baby was noticed to be markedly jaundiced.

1.1.Mention Five (5) possible causes (in order of priority) for the baby's jaundice (20 Marks)

1.2 List ten (10) specific information you will obtain in the history

(10 Marks)

1.3 List ten (10) examination finding you will look to arrive at the diagnosis

(10 Marks)

1.4 List ten (10) investigation you will order and mention the reasons.

(20 marks)

2.4 List five (5) immediate and five (5) long term complications

(20 Marks)



UNIVERSITY OF JAFFNA SRILANKA

FINAL EXAMINATION FOR MEDICAL DEGREES – MARCH 2021

PAEDIATRICS PAPER II

INDEX NO

Question 3

2-year-old child was admitted with a history of fever and vomiting of 2 days duration.

3.1 List five (5) possible causes for this presentation (10 marks)

3.2 On examination the child was noticed to be severely dehydrated. List five (5) clinical signs that suggest severe dehydration. (15 Marks)

3.6 As an intern medical officer indicate further management of this child.

(15 Marks)

UNIVERSITY OF JAFFNA SRILANKA
FINAL EXAMINATION FOR MEDICAL DEGREES – MARCH 2021
PAEDIATRICS PAPER II

INDEX NO

Question No 4

A mother is admitted to deliver her baby who was detected to have renal pelvic dilatation of 10mm during routine antenatal scan.

4.1. Mention the management plan of this baby after delivery. (15 marks)

4.2. At one month of age the baby girl is readmitted with fever and crying on micturition of 2 days duration.

List five (5) investigations you will order with the expected findings (20 marks)

4.6 List two (2) complication the child can develop later in life

(10 marks)



UNIVERSITY OF JAFFNA SRILANKA
FINAL EXAMINATION FOR MEDICAL DEGREES – MARCH 2021
PAEDIATRICS PAPER II

INDEX

Question Number 5

5.1. Exclusive breast feeding is an important step in promoting health of children.

5.1.1 Define exclusive breast feeding (10 Marks)

5.1.2. Mention the current recommendation for breast feeding according to the WHO guidelines.

(15 Marks)

5.1.3. Mention three (3) long term benefits of exclusive breast feeding (15 Marks)

5.1.4. List five (5) important steps that you will consider during complementary feeding.

(20 Marks)

5.2. State the most appropriate immunization strategy to be adopted in the following clinical situation.

5.2.1. A Mother who wants to administer COVID-19 vaccine to her 12-month-old baby.

(10 Marks)

5.2.2. An 18-month-old child who had only received the BCG vaccine

(15 Marks)

5.2.3. A 4-month-old baby who had a crying episode for 5 hours with the 2 month vaccine

(15 Marks)



UNIVERSITY OF JAFFNA SRILANKA

FINAL EXAMINATION FOR MEDICAL DEGREES – MARCH 2021

PAEDIATRICS PAPER II

INDEX NO

Question number 6

An 18-month-old baby born at term is admitted for further evaluation of pallor. On examination of the abdomen there was a just palpable hepato-splenomegaly.

The full blood count report is given below:

Haemoglobin	7.5g/dl	(10.5-12.5)
WBC	7x10 ⁹ /l N-50%, L-40%, E-10%	
Platelet count	550x10 ⁹ /L	(150-450)
RBC distribution width	17%	(12.5-14.5)

6.1. What is the most likely diagnosis (10 Marks)

6.2. Mention three (3) investigations you would perform to support your diagnosis with expected findings. (15 Marks)

6.3. List two (2) possible aetiological causes which may have contributed to the diagnosis mentioned in 6.1. (20 Marks)

6.4. Mention five (5) instructions that you will provide when treating the most likely diagnosis mentioned in 6.1. (20 Marks)

6.5. Mention five (5) information that you will provide regarding the diet in this patient. (20 Marks)

6.6. Despite appropriate interventions the haemoglobin has failed to rise. List three (3) possible reasons (15 Marks)
