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 bab	y unit with the history of poor sucking of
24 hours duration. The baby was noticed to be markedly	
1.1.Mention Five (5) possible causes (in order of priori	ty) 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)

	Medical Estro
iefly discuss the immediate management of this baby	(40 marks)

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INDEX NO	
Question No 2	
A Two (2) months old baby was admitted with a history of fever poor feeding a 5 days duration. On admission to the emergency department the baby was febr. The pulse rate was 150 beats/minutes, low volume and capillary refilling time.	ile and grunting.
2.1. Outline your initial management	(30 Marks)
	-

.2. Six (6) hours after admission the baby developed a generalized tonic clonic could but line the management of this baby	
.3 On further assessment, the baby had a bulging anterior fontanelle	
23.1 What is the most likely diagnosis	(5 Marks)
2.3.2 Describe the management of the condition mentioned in 2.3.1	(20 Marks)
2.3.2 Describe the management of the condition mentioned in 2.3.1	(20 Marks)

2.4 List five (5) immediate and five (5) long term complications	(20 Marks)
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NDEX NO		
Question 3		
-year-old child w	as admitted with a history of fever and vomiting o	of 2 days duration.
3.1 List five (5) po	ossible causes for this presentation	(10 marks)
3.2 On examination that suggest se	on the child was noticed to be severely dehydrated vere dehydration.	. List five (5) clinical signs (15 Marks)
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ho	the weight of the child is 15 Kg. Outline the fluid management of this child a turs.	for next 24 (25 Marks)
	**************************************	
4 Fo	ellowing admission, the child developed two episodes of blood-stained stock vestigations you will perform in this child and indicate the expected finding	g. (20 Marks)
5 M	ention five (5) specific information you will obtain in the social history	(15 marks)
5 M	ention five (5) specific information you will obtain in the social history	(15 marks)
.5 M 	ention five (5) specific information you will obtain in the social history	(15 marks)

5.0 As an intern medical officer indicate further management of this child.	(15 Marks)

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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 finings (20 marks)

(20 Marks)
(15 marks)
(20 marks)

(10 marks)

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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 W	HO 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	.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 follosituation.	owing clinical	
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 mo	onth vaccine (15 Marks)	



INDEX NO				
Question numb	er 6			
of the abdomen the	aby born at term is admitted tre was a just palpable hep not report is given below:	ed for further evaluation of ato-splenomegaly.	pallor. On examination	
Haemoglobin	7.5g/dl	(10.5-12.5)		
WBC	7x10 ⁹ /I N-50%	7x10 ⁹ /I N-50%, L-40%, E-10%		
Platelet count	$550 \times 10^9 / L$	(150-450)		
RBC distribution w	vidth 17%	(12.5-14.5)		
6.1. What is the mo	ost likely diagnosis		(10 Marks)	
6.2. Mention three findings.	(3) investigations you wo	uld perform to support you	r diagnosis with expected (15 Marks)	
6.3. List two (2) po mentioned in 6.1.		which may have contribute		

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5.4. Mention five (5) instructions that you will provide when treating the	most likely diagnosis
mentioned in 6.1.	(20 Marks)
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5.5. 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)