



Final Examination for Medical Degrees – July 2021

Faculty of Medicine, University of Ruhuna.

Pa	rt A	- Question No 1	Index No:
	1	febrile and ill looking. A palpable urinary	ver with chills and rigors for 3 days. On admission he is bladder and right sided renal angle tenderness are noted the growth of <i>Escherichia coli</i> > 10^5 /cu mm.
	1.1	State the complete diagnosis.	(20 marks)
	1.2	Mention five (5) important questions you	would ask in the history to find the underlying
		condition.	(20 marks)
	1.3	List five (5) physical signs, other than men	ntion above you would look for in this child. (20 marks)

1.4	Outline the management of this child.	(40 marks)
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Par	t B - Question No 2	Index No:	
2	A fourteen-year-old previously healthy girl is admitted with a histor of the lower limbs for two days duration.		
	On examination she looks unwell with a congested throat. She could limbs is reduced with muscle power of 3/5. Deep tendon reflexes are of the upper limbs is normal.		
2.1	List three (3) differential diagnoses for this presentation.	(15	marks)
2.2	Outline the components of the monitoring process, in assessing the p		marks)
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2.3	Briefly discuss the investigations that would help to differentiate the 3 conditions mentione	d in 2.1.
		(25 marks)
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		•
	Outline the treatment modalities available in the management of the 3 conditions mentioned (25 n	narks)
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2.5	Briefly discuss the important events in the surveillance system that is in place when a child	presents
		0 marks)





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Par	t C - Question No 3	Index No:
3	A three-day old baby is admitted with fever, poor feeding, and convulethargic and has bulging anterior fontanelle. A full septic screen is p meningitis is established.	
3.1	List three (3) maternal risk factors predispose to neonatal sepsis.	(15 marks)
3.2	List three (3) organisms causing meningitis in this newborn	(15marks)
3.3	List the components of the full septic screen with the expected findi	ngs in a newborn with sepsis.
	(30 marks)	
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3.4	Outline the important steps in the management of neonatal meningitis.	(25 marks)
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3.5	List three (3) complications of neonatal meningitis	(15 marks)





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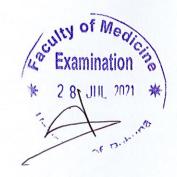
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Part	D - Question No 4	Index No:
4.1	Mention briefly the clinical criteria to diagnose Kawasaki disease.	(30 marks)
	nim	
4.2	List three (3) investigations you would perform, with the expected diagnosis.	ed findings to confirm the (15 marks)

4.3	Briefly outline the management of the acute stage of the disease.	(40 marks)

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4.4	Discuss the long term management including possible complications.	(15 marks)
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Part	E - Question No 5	Index No:
5	A four -month old infant with down syndrome is admitted is tachypnoic, tachycardic and has a pan systolic murmur Examination of the abdomen revealed a hepatomegaly of 3	best heard at the left lower sternal edge.
5.1	Mention the most likely diagnosis.	(15 marks)
5.2	Outline the immediate management of this child.	(15 marks)
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5.3	On further evaluation it is revealed that he has chronic constipation.	
	Name two (2) underlying causes for constipation	(20 marks)
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5.4	Mention five (5) causes that would have contributed to the poor weight gain of this chi	ld. (25 marks)

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5.5	How would you counsel the parents of this child about future pregnancies?	(25 marks)
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Part	F - Question No 6	Index No :
6.1	A 2-month old boy presents with Jaundice, pale stools and dark urine. non-consanguineous healthy parents following an uneventful antenatal 3.0kg, and his current weight is 5.0 kg. Mention four (4) possible differential diagnoses for the above presentations.	period. His birth weight is
6.2	Mention five (5) necessary examination findings you would look for ir diagnosis.	n this child to aid the (15 marks)
6.3	List five (5) investigations with reasons that would help you to arrive	at a diagnosis (20 marks)
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6.4	Outline the management of the child until the definitive diagnosis is made	(20 marks)
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6.5	The child developed bleeding tendency and melena during the ward stay.	
0.5	State three (3) likely reasons for bleeding manifestations in this child.	(15 montra)
	State three (3) fixely reasons for ofceding maintestations in this chird.	(15 marks)
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6.6	Mention one(1) crucial public health measure taken in Sri Lanka to early identificatio	n af tha
0.0	conditions mentioned 6.1	
	Conditions inclinated 0.1	(10 marks)
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