THE OPEN UNIVERSITY OF SRI LANKA FACULTY OF HEALTH SCIENCES DEPARTMENT OF MLS ACADEMIC YEAR 2018/2019 – SEMESTER I

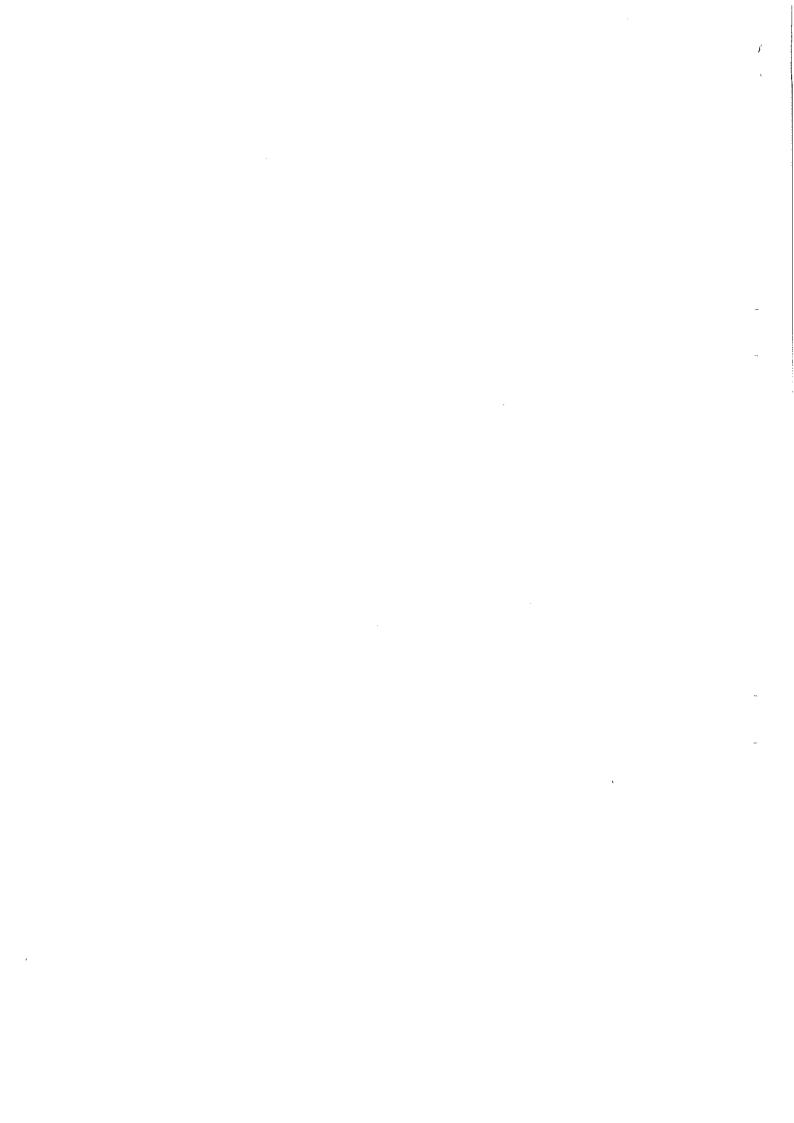


BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS MLU3144 – IMMUNOLOGY – LEVEL 5 FINAL EXAMINATION DURATION: 02

DURATION: 02 HOURS

DATE:05.03.2019

TIME: 1.30PM -3.30PM



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Index No:	(<i></i>
Part B: Structured Essay Questions (60 marks)	
Q1:	
1.1 Name two (02) clinical manifestations of Type I hypersensitivity.	(4 Marks)
i	
ii	
1.2 Name two (02) allergens that cause Type I hypersensitivity.	(4 Marks)
iii.	
1.3 Briefly describe the mechanism of Type I hypersensitivity.	(12 Marks)
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		Total- 20 Marks
Q2	:	
2.1	Name the heavy chains present in the following antibodies.	(4 Marks)
i.	IgA	
ii.	IgG	
iii.	IgM	
iv.	IgD	
2.2	Draw and label a diagram of general immunoglobulin structure.	(8 Marks)

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		Index No:
2.3 N	Iention two (02) differences between pri	mary and secondary humoral immune
	esponses in the following table	(8 Marks)
10	sponses in the following table	(O IVIAIRS)
	Primary humoral immune response	Secondary humoral immune response
i.	-	
ii.		
	d	Total- 20 Marks
Q3:		
n 1 3 1	(0.4) to	(4 Maules)
	ame four (04) types of vaccines.	(4 Marks)
i.		
ii.		
iii.		
iv.		
3.2 B	riefly describe the following terms used	in vaccination. (8 Marks)
	·	
1.		

Multivalent (polyvalent) vaccine.....

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ii.

3.3 Name four (04) factors that could determine the efficacy of a vaccine.
(8 Marks)
Total- 20 Marks
Part C: Essay Question (20 marks)
1 Describe host immune responses against extracellular bacterial infection in
the correct order.

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