C.U.SHAH UNIVERSITY Winter Examination-2018

Subject Name: Immunology & Clinical microbiology

	Subject	Code: 4SC05ICM1	Branch: B.Sc (Microbiology)	
	Semester	r: 5 Date: 03/12/2018	Time: 10:30 To 01:30 Marks: 70)
	(2) 1 (3) 1			
Q-1		Attempt the following questio	ns:	(14)
Atte Q-2		IgA immunoglobulin are present Main antibody of both primary The directional movement of ce True/False The hybridomas are made by fu Cell mediated immunity is carri four questions from Q-2 to Q-8 Attempt all questions Illustrate diagrammatically the s	II molecules. True/False ssed by MHCI pathway True/False at in secretions True/False and secondary immune response Ig A. True/False ells in response to chemicals is called chemotaxis. using B cells with myeloma cells. True/False ed out by B cells. True/False	(14) (7) (7)
Q-3		Attempt all questions		(14)
	(a)	Enumerate the advantage of polyclonal antisera.	using monoclonal antibodies as compared to	(7)
	(b)	1 0	erent types of immunity and their significance.	(7)
Q-4	(a)	Attempt all questions Describe the principle associate the diagnosis of diseases	d with the following antigen-antibody reactions in	(14) (7)



 (b) Explain the role played by the following immune system 1)Inflammation 2)Secondary lymphoid organs Q-5 Attempt all questions (a) What do you understand by the term Hypersensitivity? Explain its differe classes. (b) Define antigen. Explain immunological properties of antigen. 	-
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classes.	(14)
(b) Define antigen. Explain immunological properties of antigen.	nt (7)
	(7)
Q-6 Attempt all questions	(14)
(a) Give the significance of western blotting as an immunotechnique.	(7)
(b) Differentiate between the following-	(7)
i) Primary and secondary immune response	
ii) Papain and pepsin digestion of antibodies	
Q-7 Attempt all questions	(14)
(a) Write the characteristics features of the following disease-	(7)
i) Chediak Higashi syndrome	
ii) Rheumatoid arthritis	
(b) Give an account of the cells of the immune system.	(7)
Q-8 Attempt all questions	(14)
(a) Write an essay on the Collection, transport & examination of specimen.	(7)
(b) Describe the processing and presentation of endogenous antigens.	(7)

