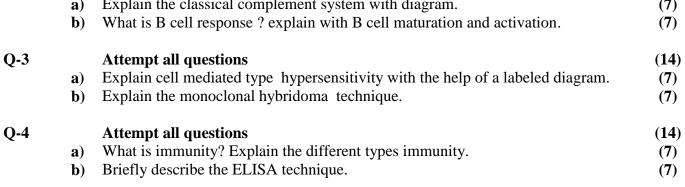
	Enrollm	ent No:		Exam Seat No:				
		C.U.	SHAH I	UNIVERSITY				
	Summer Examination-2018 Subject Name: Immunology & Clinical Microbiology							
	Subject Code: 4SC05ICM1			Branch: B.Sc. (Microbiology)				
	Semester	r: 5 Date: 2	23/03/2018	Time: 10:30 To 01:30	Marks: 70			
	<ul> <li>Instructions:</li> <li>(1) Use of Programmable calculator &amp; any other electronic instrument is prohibited.</li> <li>(2) Instructions written on main answer book are strictly to be obeyed.</li> <li>(3) Draw neat diagrams and figures (if necessary) at right places.</li> <li>(4) Assume suitable data if needed.</li> </ul>							
Q-1		Attempt the follow	ving questions:			(14)		
	a)	•	-	or snake bite is an example				
	<b>b</b> )	ofAntibodies are						
	<b>c</b> )	Fab stands for						
	d)	The largest immune						
	e)	Vaccination is an e	xample of	immunity.				
	f)	The most effective		rine secretions is				
	g) h)	Expand HAT medi		The secretions is				
	i)			ody is called epitope. (True/Fals	e)			
	<b>j</b> )	The bonds involved waals forces (True/	_	ody interaction are weak H Bond	d, vander			
	k)	Primary lymphoid	organs include th	ymus, bone marrow (True/Fals				
	1)			es place at thymus. (True/False)				
	m)	•	•	nacrophages.(True/False)				
Atte	n) mpt any f	T <sub>H</sub> cells are activate four questions from	• • •	ride fragment(True/false)				
Q-2		Attempt all questi	ons			(14)		
~ -	<b>a</b> )			stem with diagram.		(7)		
	<b>b</b> )	<u>-</u>		th B cell maturation and activation	on.	<b>(7</b> )		
0-3		Attempt all questi	ons			(14)		





Q-5	Attempt all questions			
	a)	Write a short note on SCID	<b>(7)</b>	
	<b>b</b> )	What is precipitation? explain the principle and types of precipitation.	(7)	
Q-6		Attempt all questions		
	a)	Describe the structure and function of primary lymphoid organ.	<b>(7)</b>	
	<b>b</b> )	Explain the factors influencing Immunogenicity with examples.	<b>(7</b> )	
Q-7		Attempt all questions		
_	a)	Write a short note on inflammation.	(7)	
	<b>b</b> )	What is exogenous antigen and explain the role in antigen processing and presentation.	(7)	
Q-8		Attempt all questions	(14)	
	a)	Explain the structure, characteristics and function of basic immunoglobin, enzymatic action on immunoglobin.	(7)	
	<b>b</b> )	Explain any two autoimmune disease.	(7)	

