

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Summer Examination-2022

Subject Name: Generic Elective- IV (Medical Microbiology & Immunology)

Subject Code: 4SC04MMI1

Branch: B.Sc. (Microbiology)

Semester: 4

Date: 07/05/2022

Time: 11:00 To 02:00

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1	Attempt the following questions:	(14)
	a) Define Pathogenicity.	01
	b) Enlist any two transport mediums for clinical samples.	01
	c) Define Nosocomial infections.	01
	d) Write mechanism of action of Amantadine.	01
	e) Define Adjuvants.	01
	f) Define Acute infection.	01
	g) Define Virulence.	01
	h) Enlist any two Protozoan diseases	01
	i) Write functions of NKcell.	01
	j) Define Haptens.	01
	k) Write name of antibiotics that inhibit cell wall synthesis.	01
	l) Define epitopes.	01
	m) Define Toxigenicity.	01
	n) Expand ELISA.	01

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
	a) Write a note on collection, transport and culturing of blood sample.	07
	b) Write a note on Carriers and their types and transmission of infection.	07
Q-3		(14)
	Write a note structure, functions and properties of Immune Cells.	
Q-4	Attempt all questions	(14)
	a) Write a note on Bacterial diseases.	07
	b) Write a detail note Thymus.	07



- Q-5** **Attempt all questions** (14)
a Write differences Primary and Secondary Immune Response. 07
b Write a detail note Protozoan diseases. 07
- Q-6** (14)
Write a note on normal microflora of human body.
- Q-7** **Attempt all questions** (14)
a Write a brief note on Inhibitor of protein synthesis. 07
b Write a detail note ELISA. 07
- Q-8** **Attempt all questions** (14)
a Write a detail note on inhibitor of nucleic acid synthesis. 07
b Write a detail note on characteristics of an antigen. 07

