Enrollment No: Exam S	Seat No:
-----------------------	----------

C. U. SHAH UNIVERSITY

Summer Examination-2022

Subject Name : Medical Microbiology

Subject Code: 4SC06MEM1 Branch: B.Sc. (Microbiology)

Semester: 6 Date: 02/05/2022 Time: 02:30 To 05:30 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.

Q-1		Attempt the following questions:	(14)
	a)	Define :- Virulence.	01
	b)	What is opportunistic infection?	01
	c)	What are transient flora.	01
	d)	Enlist names of Anticoagulating agents.	01
	e)	What are DNA probes?	01
	f)	Enlist diagnostic method for Salmonella typhi.	01
	g)	Give antigenic structure of Streptococcus pyogenes.	01
	h)	Describe 3 antigenic structure of Hepatitis B virus.	01
	i)	Describe about Vaccine types in Polio	01
	j)	Name the organism by which Rice watery diarrhea is caused.	01
	k)	Write causative agent of Kala Azar.	01
	1)	Give examples of systematic mycoses	01
	m)	Give full form of MRSA.	01
	n)	Give examples of antifungal drugs.	01
Attem	pt any	four questions from Q-2 to Q-8	
Q-2		Attempt all questions	(14)
	(a)	Write a brief note on Pathophysiologic effects of LPS.	07
	(b)	Write in detail about different types of infections.	07
Q-3			(14)
-		Write a detail note on ELISA.	, ,
Q-4		Attempt all questions	(14)
•	(a)	Give a short note on Complement fixation test.	07
	(b)	Describe about PCR.	07
	` '		



Q-5		Attempt all questions	(14)
	(a)	Write detail note on virulence factor clinical syndrome, mode of transmission, pathogenesis and laboratory diagnosis of <i>Clostridium tetani</i>	07
	(b)	Write detail note on virulence factor clinical syndrome, mode of transmission, prophylaxis of <i>Mycobacterium Tubercule</i> .	07
Q-6			(14)
		Write a detail note on Ebola.	
Q-7		Attempt all questions	(14)
	(a)	Write detail note on virulence factor clinical syndrome, mode of transmission, prophylaxis of Malaria	07
	(b)	Write detail note on virulence factor clinical syndrome, mode of transmission, prophylaxis of Kala Azar	07
Q-8		Attempt all questions	(14)
	(a)	Write a detail note on <i>Tenia pedis</i>	07
	(b)	Write a detail note on antibiotic resistance MDR and XDR	07

