

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Summer Examination-2022

Subject Name: Skill Enhancement Elective II (Microbial Diagnosis in Health Clinics)

Subject Code: 4SC04MDC1

Branch: B.Sc. (Microbiology)

Semester: 4

Date: 09/05/2022

Time: 11:00 To 12:30

Marks: 35

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:	(07)
	a) Give full form of ELISA	1
	b) What is importance of disease diagnosis	1
	c) Enlist the types of agglutination	1
	d) What is CSF sample?	1
	e) Giemsa- stained used for?	1
	f) Chocolate agar is known because of chocolate content. True or False	1
	g) Define: Agglutination	1

Attempt any two questions from Q-2 to Q-5

Q-2	Attempt all questions	(14)
	a) Write down detail note on disease diagnosis and precautions of viral disease.	07
	b) Write in brief about precautions needed taken during of samples collection.	07
Q-3	Attempt all questions	(14)
	a) Write detail note on examination of sample by Gram staining of bacteria and Ziehl - Neelson staining of <i>tuberculosis</i> .	07
	b) Write a detail note on Nucleic acid probes.	07
Q-4	Attempt all questions	(14)
	a) Describe about detection method for Typhoid disease.	07
	b) Write a detail note on MIC of antibiotic.	07
Q-5	Attempt all questions	(14)
	a) Write in detail about method for transport of clinical samples to laboratory and their storage.	07
	b) Write detail note on Serological method for sample detection.	07

