Enrollment No:	Exam Seat No:

C.U.SHAH UNIVERSITY

Winter Examination - 2018

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

Subject Code : 4SC04MDC1 Branch: B.Sc. (Microbiology)

Semester: 4 Date: 02/11/2018 Time: 10:30 To 12:00 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)	Define : Zoonotic disease.	(1)
	b)	What is Mode of transmission of dengue virus?	(1)
	c)	Karry mullis invented PCR. True/false.	(1)
	d)	Give full form of AIDS.	(1)
	e)	Define : agglutination.	(1)
	f)	Give full form of ELISA.	(1)
	g)	HIV causes typhoid. True/false.	(1)
Atten	<u> </u>	Two questions from Q-2 to Q-5	(-)
Q-2		Attempt all questions	(14)
Q- <u>2</u>	9)	Note on PCR and its types.	
	a) b)	* *	(7)
	b)	Write detail about Different Types of Specimen Collection and Processing.	(7)
Q-3		Attempt all questions	(14)
	a)	What is HIV? Write about its Causes, symptoms, diagnosis and treatment.	(5)
	b)	Write a short note on Fungal Diseases.	(5)
	c)	Explain different types of staining methods.	(4)
Q-4		Attempt all questions	(14)
ν.	a)	What is typhoid? Write about its Causes, symptoms, diagnosis and treatment.	(6)
	b)	Write about types of ELISA methods.	(5)
	c)	Enlist types of clinical samples used for diagnosis.	(3)
	-,		(3)
Q-5		Attempt all questions	(14)
	a)	Explain in details about different serological methods of diagnosis.	(7)
	b)	Write a short note on Bacterial Diseases.	(7)



