C.U.SHAH UNIVERSITY

Summer Examination-2018

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

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

Semester: 4 Date: 08/05/2018 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)	Differentiate between Blood Agar and Chocolate Agar.	(1)
	b) c) d)	ELISA stands for?	(1) (1) (1)
Atten	e) f) g)	HIV is causative agent of disease. PCR was invented by	(1) (1) (1) (1)
Q-2		Attempt all questions	(14)
	a)	Give a Brief account on ELISA and its types.	(7)
	b)	Write a short note on Protozoal Diseases.	(7)
Q-3		Attempt all questions	(14)
	a)	Write a note on HIV.	(5)
	b)	Write a short note on Bacterial Diseases.	(5)
	c)	Explain different types of culture media.	(4)
Q-4		Attempt all questions	(14)
	a)	What is Swine Flu? Write about its Causes, symptoms, diagnosis and treatment.	(5)
	b)	Write a short note on PCR and its types and steps of reaction.	(5)
	c)	Explain different types of staining methods.	(4)
Q-5		Attempt all questions	(14)
	a)	Discuss in detail about Different Types of Specimen Collection and Processing.	(7)
	b)	Write in brief about different Antibiotic sensitivity methods.	(7)

