C.U.SHAH UNIVERSITY Summer Examination-2018

Subject Name : Basics of Virology

	Subject	Code: 4SC02BAV1	Branch: B.Sc. (Microbiology	y)
	Semester	r:2 Date: 02/05/2018	Time : 10:30 To 01:30	Marks: 70
	(2) I (3) I	Use of Programmable calculator &	& any other electronic instrument is prol ver book are strictly to be obeyed. if necessary) at right places.	hibited.
Q-1		Attempt the following question	ns:	(14)
Atte	n)	Give example of any two viral of Hepatitis affect Kuru is an Prion disease. True/F Give example of different shape Define: Prions. HIV is transmitted through wate What are symptoms of Hepatitis AIDS full form Give example of any two plant of Define: Bacteriophage Causative agent of AIDS is Define: Viroids TMV is an animal Virus. True/F Give example of any two prion Four questions from Q-2 to Q-8	organ of the body. False. es of virus. er. True/False. s? diseases. False.	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Q-2	a) b)	Attempt all questions Write in brief on Lytic Cycle wi Write a note on properties and s		(14) (7) (7)
Q-3	a) b)	Attempt all questions Write a note on Plant Virus. Write a note on Hepatitis.		(14) (7) (7)
Q-4	a) b)	Attempt all questions Differentiate: Bacteria and Viru Give general properties of Virus	s. s. Enlist diseases caused by Virus.	(14) (4) (7)



	c)	What are Prions? State its importance.	(3)
Q-5		Attempt all questions	(14)
	a)	Write a note on Isolation and Cultivation of Viruses.	(14)
Q-6		Attempt all questions	(14)
-	a)	Write a note on HIV and AIDS.	(14)
Q-7		Attempt all questions	(14)
-	a)	Write a note on T4 Bacteriophages.	(6)
	b)	Write a note on Viral Vaccines.	(3)
	c)	Write a note on different shapes of Virus with examples.	(5)
Q-8		Attempt all questions	(14)
•	a)	Write in brief on Lysogenic Cycle with suitable diagram.	(7)
	b)	Draw an labeled diagram of symmetry of Virus.	(3)
	c)	.Write a note on interferon and antiviral compound.	(4)

