Enrollment No:	Exam Seat No:
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C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name: Microbial Agents of disease

Subject Code: 4LS02MBO2 **Branch**: **B.Sc.** (Microbiology)

Semester: 2 Date: 02/05/2018 Time: 10:30 To 01:30 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)	Write full form of AIDS.	1
	b)	Branch of science dealing with the study of viruses is known as	1
	c)	Write full form of HIV.	1
	d)	What is retrovirus?	1
	e)	Bactericidal drugs arrests the growth of bacteria. True/False	1
	f)	Alcohol can be used as antiseptic. True/False	1
	g)	Amoebiasis, also known amoebic dysentery. True/False	1
	h)	Adenoviruses have double stranded genome. (DNA/RNA)	1
	i)	Write names of two fungal diseases.	1
	.j)	The malaria parasite life cycle involves two hosts. True/False	1
	k)	Common cold is a disease. (viral/bacterial/fungal)	1
	l)	TB disease is caused by	1
	m)	Histoplasmosis is adisease. (viral/bacterial/fungal)	1
	n)	Staphylococcus is a genus of Gram-positive bacteria. True/False	1
0.2		Attornet all awastions	(1.4)
Q-2	A	Attempt all questions What do you meen by infection? Explain sources of infection	(14) 7
	A	What do you mean by infection? Explain sources of infection.	,
	В	Explain the cause and transmission of AIDS.	7
0-3		Attempt all questions	(14)
Q v	A	What are protozoal diseases? Explain it with suitable examples.	7
	В	Explain pathogenesis of tuberculosis.	7

Q-4		Write notes on-	(14)
	A	HIV	7
	В	Streptococcus	7
Q-5		Attempt all questions	(14)
	A	What are retroviruses? Explain the basic steps in retroviral infection.	7
	В	Explain the life cycle of Entamoeba histolytica.	7
Q-6		Write notes on-	(14)
•	\mathbf{A}	Histoplasmosis	7
	В	Amoebiasis	7
Q-7		Attempt all questions	(14)
	A	Briefly explain the factors affecting the viral pathogenicity.	7
	В	What is primary and secondary infection? Explain it with suitable example.	7
Q-8		Explain various methods of transmission of infections with suitable examples of disease.	(14)