

C.U.SHAH UNIVERSITY

Winter Examination-2015

Subject Name : Microbial Agents of Disease

Subject Code : 4LS02MBO2/4LS02MBO3

Branch : B.Sc (Micro)

Semester : 2 Date : 24/11/2015 Time : 10:30 To 1:30

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) Define: Infection	1
	b) Define: Epidemiology	1
	c) Give two examples of retrovirus	1
	d) Enlist mode of transmission of disease.	1
	e) Define: Pathogenesis	1
	f) Define antiseptic.	1
	g) Write two examples of microorganisms involve in throat infection?	1
	h) Define: Sepsis.	1
	i) Write names of two fungal pathogens.	1
	j) Define antibiotic.	1
	k) Define sporozoites.	1
	l) What are adenovirus?	1
	m) Write name of pathogen which causes amoebiasis.	1
	n) Give example of endotoxin and exotoxin.	1
Q-2	Attempt all questions	(14)
A	Explain Source of infection.	5
B	Explain transmission of disease in air.	5
C	Write note on infection spreaded via insects and animals	4
Q-3	Attempt all questions	(14)
A	Explain transmission of disease through water.	5
B	Explain Pathogenesis and Epidemiology of Staphylococcus.	5
C	Write a note on factors affecting predisposal of microbial pathogen.	4



Q-4	Attempt all questions	(14)
A	Explain Pathogenesis, Epidemiology of Streptococcus.	7
B	Write note on replication in Retroviruses.	7
Q-5	Attempt all questions	(14)
A	Write note on histoplasmosis.	7
B	explain in detail: Amoebiasis.	7
Q-6	Attempt all questions	(14)
A	Explain root- microbe interaction with a suitable example.	7
B	Write note on pathogenesis of Adenoviruses	7
Q-7	Attempt all questions	(14)
A	Explain pathogenesis by ringworm	7
B	Explain pathogenesis of Mycetoma disease	7
Q-8	Attempt all questions	(14)
A	Explain in detail: Life cycle of plasmodium.	7
B	Write a note on blastomycosis	7

