

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name: Pharmaceutical Microbiology-I

Subject Code: 4PS05PMI1

Branch: B.Pharm

Semester: 5

Date: 26/11/2018

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.
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Q-1	Define the following terms:	(14)
	a) Bacteria	01
	b) Microscope	01
	c) Sterilization	01
	d) Disinfectant	01
	e) Sanitization	01
	f) Microbiostasis	01
	g) Antiseptics	01
	h) Germicides	01
	i) Preservative	01
	j) Antibiotics	01
	k) Microbial Assay	01
	l) Sterility testing	01
	m) Fungi	01
	n) Virus	01

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
	a) Draw and explain the bacterial cell.	07
	b) Explain various staining techniques for identification of bacteria.	07
Q-3	Attempt all questions	(14)
	a) Enumerate various techniques for isolation of pure culture. Explain any two in detail.	07
	b) Explain Growth rate curve of bacteria.	07



