

Enrollment No: _____ Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2020

Subject Name : Pharmaceutical Technology I

Subject Code : 4PS07PTE1

Branch :B.Pharm

Semester : 7

Date : 25/02/2020

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.
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Q-1	Define the following terms:	(14)
	a) Preservatives	(1)
	b) Colouring agents	(1)
	c) Suspension	(1)
	d) Ointment	(1)
	e) Iodine value	(1)
	f) Saponification value	(1)
	g) Class 100	(1)
	h) Sterility	(1)
	i) Closure liner	(1)
	j) Pyrogen	(1)
	k) Shampoo	(1)
	l) Lipstick	(1)
	m) Super critical fluid	(1)
	n) Triple point	(1)

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

Q-2	Attempt all questions	(14)
a)	Explain briefly the methods used for filling a pharmaceutical liquid.	(7)
b)	Write a note on stabilizers.	(7)
Q-3	Attempt all questions	(14)
a)	Describe the instability of emulsion.	(7)
b)	Classify cream base with suitable examples.	(7)
Q-4	Attempt all questions	(14)



- a) Describe the evaluation parameters of Pharmaceutical aerosol. (7)
b) Write a note on Film wrapper. (7)
- Q-5** **Attempt all questions** (14)
a) Explain Sham test involved during evaluation of parenterals products. (7)
b) Describe the various adjuvants used during parenterals products. (7)
- Q-6** **Attempt all questions** (14)
a) Explain the flow of materials through the parenteral production department with the help of flow chart. (7)
b) Write a note on blister packaging. (7)
- Q-7** **Attempt all questions** (14)
a) Explain sunscreen with suitable examples. (7)
b) Write a note on nail polish. (7)
- Q-8** **Attempt all questions** (14)
a) Explain RESS with suitable diagram. (7)
b) Write principle, construction and working of SAS. (7)

