Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Summer Examination-2020

Subject Name: Pharmaceutics I - Theory
Subject Code: BP103T **Branch: B.Pharm**
Semester : 1 **Date : 28/02/2020** **Time : 02:30 To 05:30** **Marks : 75**

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:** **(20)**

a) Prescription
b) Posology
c) Syrup I.P
d) Syrup U.S.P
e) Lotion
f) Liniment
g) Dusting powders
h) Displacement value
i) Throat paint
j) Isotonic solutions

Attempt the following questions:

Q-2		**Attempt any two of following :**	**(20)**
	A	Classify Solid,liquid and semisolid dosage forms in detail	**10**
	B	Write a note on Chemical type of incompatibility with suitable examples	**10**
	C	Discuss the different types of emulsion? Enlist the identification tests for emulsion.	**10**
Q-3		**Attempt any Seven of following :**	**(35)**
	A	Write a note on effervescent powder.	**5**
	B	Discuss suppository bases with examples.	**5**
	C	Describe various techniques used for solubility enhancement.	**5**
	D	Explain various evaluation parameters to be performed for semi solid dosage forms	**5**
	E	Differentiate ointment, cream and paste.	**5**
	F	Classify powders and briefly discuss surgical and medical dusting powders.	**5**
	G	Differentiate Flocculated suspension and Deflocculated suspension.	**5**
	H	Explain various test to be performed for identification of types of emulsion	**5**
	I	Explain in brief sources of errors in prescription.	**5**

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