

# C.U.SHAH UNIVERSITY

## Winter Examination-2020

**Subject Name : Pharmaceutics I – Theory**

**Subject Code: BP103T**

**Branch: B.Pharm**

**Semester: 1**

**Date: 10/03/2021**

**Time: 11:00 To 02:00**

**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.

<b>Q-1</b>	<b>Attempt the following questions:</b>	<b>(20)</b>
	a) Define Prescription and Enlist various parts of a prescription.	2
	b) Give the essential instructions which should be written on the label for the patient.	2
	c) Define: Unit Dosage Form and Powder	2
	d) Write the qualities of ideal suspension.	2
	e) Write equation of Stoke's law?	2
	f) Define: Suppository and Pessaries	2
	g) Name the different preservatives used in pharmacy.	2
	h) What is incompatibility?	2
	i) Calculate the quantity of 95% alcohol required to make 400ml of 60% alcohol.	2
	j) What is the dose of a drug for a 9 months old child if the average adult dose is 20 mg?	2

**Attempt the following questions:**

<b>Q-2</b>	<b>Attempt any two of following :</b>	<b>(20)</b>
	<b>A</b> Define the term Emulsion. Write the advantages of emulsion. Types of emulsion and how will you differentiate them?	<b>10</b>
	<b>B</b> Discuss the various factors which affects the dose of a medicine.	<b>10</b>
	<b>C</b> Enlist different types of incompatibilities and Explain the chemical incompatibilities which occur due to evaluation of carbon dioxide.	<b>10</b>
<b>Q-3</b>	<b>Attempt any Seven of following :</b>	<b>(35)</b>
	<b>A</b> Differentiate between Emulsion and Suspension.	<b>5</b>
	<b>B</b> Describe in brief about 'effervescent granules'. Give the methods of preparation of effervescent granules.	<b>5</b>
	<b>C</b> Differentiate: lotion and liniment	<b>5</b>
	<b>D</b> Define and Classify Monophasic liquid system.	<b>5</b>
	<b>E</b> Define Powders. Write down the advantages and disadvantages of powders.	<b>5</b>
	<b>F</b> Write a note on Error in prescription.	<b>5</b>



- G** Define Pharmacy and describe the scope of pharmacy. **5**
- H** Define the ointments? Classify different ointment bases used in the preparation of ointments. **5**
- I** Advantages and Disadvantages of Suppositories. **5**

