

Enrollment No: _____ Exam Seat No: _____

C.U.SHAH UNIVERSITY

Winter Examination-2022

Subject Name: Pharmaceutics I - Theory

Subject Code: BP103T

Branch: B.Pharm

Semester: 1

Date: 15/03/2023

Time: 10:30 To 01:30

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.
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- Q-I Answer the following (20)**
1. Classify Dosage forms. 02
 2. Briefly explain Syrup and Elixir. 02
 3. Briefly explain Lotions and Liniments. 02
 4. What are Dentifrices? 02
 5. Briefly explain Dusting powders. 02
 6. Give ideal characteristics for suspension. 02
 7. Briefly explain Stock's law for sedimentation. 02
 8. What are the types of emulsion? 02
 9. Define emulsifying agents. 02
 10. Give types of suppositories. 02
- Q-II Attempt any two: (20)**
1. What is Prescription? Explain the parts of prescription with example. 10
 2. Discuss the various factors affecting Posology. 10
 3. Discuss various excipients used in formulation of Liquid dosage forms. 10
- Q-III Attempt any seven: (35)**
1. Discuss various formulas for Pediatric dose calculation. 05
 2. Write a note on Effervescent granules/powders. 05
 3. Differentiate Flocculated and Deflocculated suspension. 05
 4. Explain Stokes' law for sedimentation in suspension. 05
 5. Explain various identification tests for emulsion. 05
 6. Discuss the stability problems in emulsion. 05
 7. Briefly explain suppository bases. 05
 8. Explain physical incompatibilities with examples. 05
 9. A manufacturing pharmacist has four lots of ointment, containing 50%, 25%, 10%, and 5%. How many grams of each may be used to prepare 4800 gm of 20% ointment? 05

