

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE**

**End Semester Examination – Summer 2023**

**Date: 12/09/2023**

**Course : B. Pharmacy**  
**Subject Name : Pharmaceutics I**  
**Max Marks : 75**

**Sem: I**  
**Subject Code : BP103T**  
**Duration : 3 Hr.**

**Instructions:**

1. All questions are compulsory
2. Draw diagrams / figures wherever necessary
3. Figures to right indicate full marks

**Q. 1. Objective Type Questions (Answer all the questions) (10 x 2) = 20**

- i) Give advantages and disadvantages of solid dosage form.
- ii) Find out the proof strength of alcohol which is 90%v/v and 30%v/v.
- iii) Differentiate between liniment and lotion.
- iv) Define a) Drug, b) Dosage form
- v) Give the ideal characteristics of dusting powder
- vi) Define and classify Incompatibilities.
- vii) Write the Young's formula for calculation of child dose.
- viii) Define and classify syrup with example.
- ix) Give advantages and disadvantages of Suppositories.
- x) Classify liquid dosage form.

**Q. 2. Long Answers (Answer 2 out of 3)**

**(2 x 10) = 20**

- i) Define emulsion, give its identification tests and explain about stability problems of emulsion
- ii) What is posology? Explain in detail various factors affecting dose of drug.
- iii) Summarize different parts of prescription and write a note on handling of prescription.

**Q. 3. Short Answers (Answer 7 out of 9)**

**(7 x 5) = 35**

- i) Differentiate between flocculated and deflocculated suspension.
- ii) Define powder and write its advantages and disadvantages.
- iii) Define Prescription and write a note on errors in prescription
- iv) Write a note on therapeutic incompatibility.
- v) Define ointment and explain ointment bases in detail.
- vi) Define and classify dosage form.
- vii) Write a note on excipients used in formulation of liquid dosage form.
- viii) Write in brief careers in pharmacy.
- ix) Describe in brief Displacement value

**—END OF THE PAPER—**