

**QP Code: 123006**

**Reg. No.....**

**First Semester B. Pharm Degree Regular/Supplementary  
Examinations April 2025  
Pharmaceutics- I  
(2017 and 2024 Scheme)**

**Time: 3 Hours**

**Max. Marks: 75**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay**

**(2x10=20)**

1. Write the excipients used in the preparation of semi solid dosage form. Add a brief note on Cold cream
2. Define and classify suspension. Give its advantages and disadvantages. Explain the preparation of suspension containing diffusible and indiffusible solids

**Short Notes**

**(7x5=35)**

3. Define monophasic dosage forms. Write a note on the different methods for preparation of syrups
4. What is suppository. Write any one method for the preparation of suppositories
5. What are the liquid dosage forms. Add a note on solubility enhancement techniques
6. Explain the steps involved in handling of prescription
7. Discuss in brief about therapeutic incompatibility
8. Explain the preparation of ointments by chemical reaction method
9. Write a note on medicated and surgical dusting powders

**Answer Briefly**

**(10x2=20)**

10. Define posology
11. Write the organoleptic agents used in liquid dosage forms
12. Glycerogelatin suppositories
13. Write any two advantages and disadvantages of powders
14. Write a note on cocoa butter as suppository base
15. Calculate the amount of 20% v/v alcohol required to produce one litre of 15% v/v alcohol
16. Give examples of various solutions used in oral cavity
17. Eutectic powders with remedies for dispensing
18. Write the ratio of oil, water and gum for preparing primary emulsion containing different types of oils
19. Classify enemas with examples

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