

QP Code: 123006

Reg. No.....

**First Semester B. Pharm Degree Regular/Supplementary
Examinations April 2024**

**Pharmaceutics- I
(2017 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. Define dosage form. Classify dosage forms with suitable examples
2. What is an emulsion. Explain the stability problems associated with emulsion

Short Notes

(7x5=35)

3. Explain the development of Indian pharmacopoeia first edition 1955
4. Explain physical incompatibility and a method to overcome it, with an example
5. What are throat paints. Explain the formulation of the same with the help of an example
6. Explain the preparation of effervescent granules using an example
7. Discuss the various sources of errors in a prescription. How can these errors be avoided while dispensing a prescription
8. Explain the various techniques used to enhance the solubility of drugs in liquid dosage form
9. Classify different ointment bases with example. Give the ideal properties of an ointment bases

Answer Briefly

(10x2=20)

10. Write short note on eutectic mixtures
11. Calculate proof strength for an elixir containing 35% v/v alcohol
12. Define prescription and posology
13. Write any four important factors affecting the dose selection
14. Write two examples for therapeutic incompatibility
15. What are organoleptic agents and give two examples for each
16. List any two properties of gargles and mouthwashes. Give the name of a gargle and mouthwash used
17. Give any two formulas for calculation of child dose
18. Write short notes on formulation of nasal drops
19. Differentiate between liniment and lotion
