

QP Code: 123006

Reg. No.....

First Semester B. Pharm Degree Supplementary Examinations
August 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. Define incompatibility. Explain the different types of physical incompatibility with the help of examples
2. Define and classify suspension. Explain the stability problems associated with suspension

Short Notes (7x5=35)

3. Define prescription. Write the parts of prescription
4. Explain the principle and procedure in preparation of effervescent granules
5. Define paste. Explain the method of preparation of paste
6. Write a note on formulation of nasal drops
7. Define biphasic dosage forms. Explain the methods used to prepare emulsions.
8. Write a note on historical development of profession of pharmacy education in India
9. Find out the amount of each of 90%, 60%, 30% v/v alcohol and water required to produce 500ml of 50% v/v alcohol

Answer Briefly (10x2=20)

10. Differentiate between liniment and lotion
11. Name the additives used in the formulation of mouthwash with one example for each
12. Write any two formulas to calculate child dose
13. Name the different tests for identification of types of emulsion
14. Define enema. Give its composition
15. Define efflorescent powders
16. Displacement value and its significance
17. Convert 60% v/v alcohol to proof spirit
18. Name four coloring agents
19. Define the term posology
