

QP CODE: 307008

Reg. No.....

**Third B. Pharm (Ayurveda) Degree Supplementary Examinations
August 2025**

Industrial Pharmacy I

Time: 3 Hours

Total Marks: 100

- *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.*

Essays:

(2x10=20)

1. Discuss various components of aerosols. Explain pharmaceutical applications of aerosols.
2. Write advantages and disadvantages of capsules. Explain methods of capsule filling.

Short notes:

(10x5=50)

3. Clear gels manufacturing procedure.
4. Write a note on working of suspending agents.
5. Types of propellants uses and examples.
6. Equipments used in tablet coating.
7. What are the problems encountered while preparing powder formulations.
8. Preparation of infusion.
9. Evaluation of tablets.
10. Define aerosols. Explain packaging methods for aerosols.
11. Preservatives used in semisolids.
12. Explain evaluation of microcapsules.

Answer briefly:

(10x3=30)

13. Mechanism of drug penetration into skin from semisolid dosage forms.
14. Classification of powders.
15. Different types of tablets.
16. What are the additives used in suspensions.
17. Disintegrating agents used in tablets.
18. Advantages and disadvantages of Tablets.
19. Instability of Emulsion.
20. Explain gelling agents with examples.
21. Ideal characteristics of ointment bases.
22. Difference between ointment and paste.
