

**Third B. Pharm (Ayurveda) Degree Regular/Supplementary Examinations  
March 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. Explain different semisolid bases in detail.
2. Explain method of preparation of emulsions. How are they made stable

**Short notes:****(10x5=50)**

3. Explain Film coating of tablets.
4. Propellants and aerosol containers.
5. Different types of tablet compression machinery.
6. Method of preparation of capsule shell for hard gelatin capsules.
7. Disintegration test for tablet.
8. Additives used in semisolid preparations.
9. Microencapsulation by coacervation- phase separation.
10. Write a note on solubilisers with example.
11. Write a note on powder mixing.
12. Quality control tests for soft gelatin capsules.

**Answer briefly:****(10x3=30)**

13. Advantages of microencapsulation.
14. Diluents used in tablets.
15. Types of suspensions.
16. Write a note on medicated syrup.
17. Preservatives used in emulsions.
18. What are the limitations for powder dosage forms.
19. Storage of capsule dosage forms.
20. Direct compression method.
21. Classify emulsifying agents with example.
22. Explain general formulation of aerosols.

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