

QP CODE: 307008

Reg. No.....

**Third B. Pharm (Ayurveda) Degree Supplementary Examinations
August 2023**

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. What are the different methods for the preparation of tablets. Explain wet granulation method in detail.
2. Mention the applications of microencapsulation. Explain any two methods of microencapsulation.

Short notes: (10x5=50)

3. Propellants used in pharmaceutical aerosols.
4. Classify monophasic liquid dosage forms.
5. Explain factors affecting absorption of semisolid dosage forms.
6. Explain special care and problems in manufacturing powders and granules.
7. Preparation of soft liquid extracts.
8. Diffusible and in diffusible solids.
9. Evaluation of semisolid dosage forms.
10. Types of coating of tablets.
11. Evaluation of emulsions.
12. Preservatives used in liquid dosage forms.

Answer briefly: (10x3=30)

13. Production of gelatin for hard gelatin capsules.
14. Differentiate lotion and liniments.
15. Explain HLB value.
16. Mention types of additives used in suspension.
17. Packaging requirements of effervescent granules.
18. Importance of tablet coating.
19. Define core material and coating material.
20. Explain jellies.
21. Define creaming and cracking.
22. Sizes of capsules.
