

QP CODE: 307008

Reg. No.....

**Third Year B.Pharm (Ayurveda) Degree Supplementary Examinations
April 2019**

Industrial Pharmacy I

Time: 3 Hours

Total Marks: 100

- **Answer all questions**

Essays: (2x10=20)

1. What are different powder dosage forms in Ayurveda. Explain problems arising during the preparation of powders.
2. Explain formulation of tablet in detail.

Short notes: (10x5=50)

3. Explain sugar coating and film coating of tablets.
4. Discuss filling and storage of capsules.
5. Explain the functions of preservative in formulations.
6. Advantages and disadvantages of liquid dosage forms.
7. Explain general formulation of semisolid with suitable examples.
8. Mention procedure of liquid extract.
9. Define aerosols. Explain pharmaceutical application of aerosols.
10. Explain spray drying and spray congealing.
11. Discuss mixtures containing diffusible solids.
12. Explain stability testing and quality control of capsules.

Answer briefly: (10x3=30)

13. Parts of aerosol propellant mechanism.
14. Difference between ointment and cream.
15. Define HLB value. Write importance of HLB value.
16. Define suspension and mention different types of suspending agent.
17. Packaging requirements of effervescent granules.
18. How will you evaluate micro capsules.
19. Define infusion. Explain the procedure for making infusion.
20. Examples of Ayurvedic liquid dosage forms.
21. Explain tablet compression machinery.
22. Define gel. Write any three examples of gel.
