

QP CODE:307008

Reg.No.....

Third Year B.Pharm(Ayurveda) Degree Examinations, October 2015

Industrial Pharmacy I

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(2x10=20)

1. Explain the quality control tests for tablets.
2. Explain production of hard gelatin capsules.

Short notes:

(10x5=50)

3. Explain the advantages and limitations of powdered and granulated products.
4. Various semi-solid bases.
5. Mention any one equipment and process for tablet coating.
6. Evaluation of emulsions.
7. Various extraction processes.
8. Diffusible and indiffusible solids.
9. Advantages and disadvantages of capsule as a dosage form.
10. General formulation of pharmaceutical aerosols.
11. Explain phase separation-coacervation method for microencapsulation.
12. Classes of preservatives and types of preservatives used in tablet dosage form.

Answer briefly:

(10x3=30)

13. Advantages of tablets as a dosage form.
14. Sizes of capsules.
15. Preservatives used in liquid dosage forms.
16. Packing of semi-solid dosage forms.
17. Importance of microencapsulation in pharmacy.
18. Film forming materials used in tablet coating.
19. Requirements for an ideal propellant used in pharmaceutical aerosols.
20. Any one method for manufacturing pharmaceutical aerosols in brief.
21. Spray drying technique for microencapsulation.
22. Dry granulation.
