

QP CODE: 307008

Reg. No.....

**Third B.Pharm (Ayurveda) Degree Regular/Supplementary Examinations
April 2021**

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 in process of sugar coating in tablets.
2. Discuss about the types of vehicles in semisolid dosage form.

Short notes:

(10x5=50)

3. Describe the manufacturing procedure of powder.
4. Explain internally administered solution.
5. Explain the pre-compression parameters of tablets.
6. Explain gelatin. Write the process of manufacturing gelatin used in capsules.
7. Discuss about the evaluation of an emulsion.
8. Explain the preservation from microbial spoilage of a pharmaceutical formulation.
9. Explain soft liquid extracts. Give a detailed methodology for the preparation of a soft liquid extracts.
10. Discuss about the quality control of pharmaceutical aerosols.
11. How microcapsules are coated in coacervation-phase separation.
12. Explain the storage of semisolids.

Answer briefly:

(10x3=30)

13. Enlist the advantages and limitations of granules.
14. What are in-diffusible solids give two examples.
15. Enlist the various metal containers used in aerosols.
16. Explain the importance of dissolution test.
17. What are the process variables affects the air suspension technique.
18. What are flavors and colors in liquid dosage form.
19. Differentiate flocculation and deflocculation.
20. Explain on homogenization of semisolid dosage form.
21. What are galenical products and give some examples.
22. Classify the different types of microencapsulation.
