

QP CODE: 307008

Reg. No.....

**Third B.Pharm (Ayurveda) Degree Supplementary Examinations March
(November), 2020**

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. Discuss diffusible and indiffusible solids.
2. Explain formulation of different types of tablets.

Short notes:

(10x5=50)

3. Explain special care and problems in manufacturing of granules.
4. Discuss different machinery and equipments for tablet compression.
5. Discuss formulation of coating solution.
6. Explain different types of material for production of capsule.
7. Discuss different types of vehicles and preservative used in liquid dosage forms.
8. Discuss packaging and evaluation of emulsion.
9. What do you understand by semisolid dosage forms, explain with example.
10. Discuss in detail different types of extraction methods.
11. Define pharmaceutical aerosols and explain general formulation of aerosols.
12. Explain polymerization complex emulsion air suspension technique.

Answer briefly:

(10x3=30)

13. Explain soft gelatin capsule Shell
14. Discuss applications and limitations of powders.
15. Discuss spray congealing with importance.
16. Explain quality control of capsule.
17. Mention types of additives used in suspension.
18. Discuss merit and demerit of aerosols.
19. Mention any three names of Ayurvedic tablets and liquid dosage forms.
20. Explain importance of microcapsules in pharmaceutical field.
21. Define soft gelatin capsule and hard gelatin capsule.
22. Write the name of any six Ayurvedic pharmaceutical industry.
