

QP CODE: 102326

Reg. No:

**First Year Pharm D Degree Supplementary Examinations
December 2019**

Paper II - Pharmaceutics

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Classify monophasic liquid dosage forms with its advantages and disadvantages. Write the formulation, labelling and container used in sodium bicarbonate ear drops.
2. Write in brief about the types of incompatibilities; discuss the chemical incompatibility which occurs due to alkaloidal salts.
3. Explain the development of Indian Pharmacopoeia. Discuss the salient features of the latest edition of Indian Pharmacopoeia

Short notes:

(8x5=40)

4. Define the term suppository. Explain the preparation of suppository by fusion method.
5. Describe the percolation process with suitable example.
6. Write notes on metric system in metrology. How will you prepare 600ml of 60% alcohol from 95% alcohol.
7. Classify emulsifying agents and add a note on natural emulsifying agents.
8. Write the advantages and disadvantages of powders. Explain the dusting powder.
9. Describe the basic parts of a prescription.
10. State Dilling's formula and add a note on bandages.
11. Define suspension. Discuss the additives used in the formulation of suspension.
