

QP CODE: 102326

Reg. No: .....

**First Year Pharm D Degree Supplementary Examinations  
August 2021**

**Paper II - Pharmaceutics**

**Time: 3 Hours**

**Total Marks: 70**

- *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*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays**

**(3x10=30)**

1. Describe the various excipients used in the formulation of monophasic liquid dosage form with suitable example.
2. Define incompatibility, write the types of incompatibility. Explain the physical incompatibility and the methods of correction with suitable example.
3. Classify the Pharmacopoeias used in various countries. Explain the vision and the objectives of Indian Pharmacopoeia with its salient features.

**Short notes:**

**(8x5=40)**

4. Explain the properties of ideal suppository bases. Add a note on theobroma oil.
5. Describe the maceration process with suitable example.
6. Write notes on imperial system in metrology. How will you prepare 700ml of 50% alcohol from 90% alcohol.
7. Explain the properties of emulsions; explain the tests to identify emulsions.
8. Classify powders. Add a note on effervescent granules.
9. What are the components of a typical prescription and explain it.
10. State Clark's formula and add a note on surgical cotton.
11. Discuss the properties of suspension. Explain flocculated and deflocculated suspensions.

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