

**QP CODE: 102326**

**Reg. No: .....**

**First Year Pharm D Degree Supplementary Examinations June 2022**

**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. Differentiate lotions and liniments. Briefly explain the adjuvants used in formulation of monophasic liquid dosage forms.
2. Define incompatibility. Discuss in brief the various reasons which cause therapeutic incompatibilities
3. Explain the salient features of Indian Pharmacopoeia.

**Short notes:**

**(8x5=40)**

4. Classify The Types Of Suppository Bases. Add A Note On Glycero Gelatin Bases.
5. Describe the technique involved in hot percolation process with suitable example.
6. Explain percentage calculation. How will you prepare 500ml of 40% alcohol from 95% alcohol.
7. Define emulsions. Explain the various methods used for preparation of emulsions.
8. Eutectic and explosive powder with example.
9. Define prescription. Explain the handling of prescription.
10. State Young's formula and add a note on surgical dressings.
11. Explain the advantages and disadvantages of suspension. Add a note on the preparations of suspensions containing diffusible substances.

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