

QP CODE: 102326

Reg. No:

**First Year Pharm D Degree Regular/Supplementary Examinations
August 2025**

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. Define the term prescription, with the help of a typical prescription explain various parts of it
2. Classify various types of incompatibilities. Explain therapeutic incompatibility with suitable examples
3. Define extraction, explain in detail the various methods of extraction process

Short notes:

(8x5=40)

4. Explain the salient feature of the Indian Pharmacopeia
5. Discuss in detailed about methods of preparation of Catgut
6. Explain the difference between flocculated and deflocculated suspension
7. Assess the importance of displacement value. Calculate the displacement value of zinc oxide in Theobroma oil suppositories containing 40% of zinc oxide and is prepared in a 1gm mould the weight of 8 suppositories is 11.74gm
8. How do you calculate 300ml of 60% alcohol from 90% alcohol of using allegation method
9. What are the various instabilities of emulsion and how do you overcome it
10. How do you calculate the children doses
11. Define powder. Add a note of Effervescent powder and Eutectic powder with suitable examples
