

QP CODE: 306326

Reg. No:

**Third Year Pharm D Degree Supplementary Examinations
January 2024**

Pharmaceutical Formulations

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 and classify capsule. Explain about different sizes and filling of hard gelatin capsules.
2. Explain the Formulation, Classification and Evaluation of Suspension.
3. Define Ointment and classify Ointment bases with example and explain about oleaginous bases.

Short notes

(8x5=40)

4. Methods of preparation of primary emulsion.
5. What are the advantages and disadvantages of implants.
6. What are the evaluation tests for filled Ampoules.
7. Enumerate the manufacturing defects of Tablets.
8. Write a note on Nasal Drug delivery system.
9. Define:
 - (a) Bloom Strength
 - (b) Base absorption and Gram/Minim factor.
10. Write a brief note on formulation of Jellies.
11. Classify Pharmaceutical dosage form with examples.
