

QP CODE: 306326

Reg. No:

**Third Year Pharm D Degree Supplementary Examinations May 2025
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. Explain the different types of ointment bases used. Write the method of preparation types of packaging used.
2. Define tablets. Explain in detail about compression machine with diagram.
3. Explain in detail about containers and closures used in parenteral preparation and its evaluation parameters.

Short notes

(8x5=40)

4. Explain the concepts of pharmaceutical dosage form.
5. What are the steps involved in sugar coating of tablets.
6. Packaging and labeling of ophthalmic products.
7. Explain the different barriers for ocular absorption of drug.
8. Explain the factors affecting the absorption of drug from rectal drug delivery system.
9. Briefly note on sterility test for injections.
10. Differentiate flocculated and deflocculated suspension.
11. Explain formulation of soft gelatin capsule.
