

QP CODE: 306326

Reg. No:

**Third Year Pharm D Degree Special Supplementary Examinations
August 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. Explain about sugar coating and film coating of tablets. Compare their merits and demerits.
2. Explain the formulation and sterilization of large volume parenterals mention their advantages.
3. Elaborate on nasal drug delivery system and explain about the mechanism of absorption enhancers.

Short notes

(8x5=40)

4. Elucidate the various excipients used in tablet formulation.
5. Explain pharmacopoeial requirement for parenteral glass container plastic container and rubber closures.
6. Summarize the process of gelatin production from animal source.
7. Explain the different methods of preparation of emulsion and its stability properties.
8. Why the drug has to convert into dosage form. Classify different pharmaceutical dosage forms with examples.
9. Explain preparation methodology of suppositories.
10. Briefly write about implants and its applications.
11. Ideal properties and types of suppository bases.
