

QP CODE: 306326

Reg. No:

**Third Year Pharm D Degree Regular/Supplementary Examinations
October 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. Classify dosage forms with one example form each category.
2. Describe quality control tests for tablets.
3. Explain the facilities required in production of parenteral products with a neat diagram.

Short notes

(8x5=40)

4. Discuss the formulation of an eye ointment.
5. Classify vehicle used in parenteral.
6. Give an account of additives used in formulation of oral liquids.
7. Write a note on osmotic pump.
8. Discuss about different components of transdermal patches.
9. Describe the steps involved in sugar coating.
10. Differentiate between hard gelatin and soft gelatin capsule.
11. Define the following
 - a) Milli/gram
 - b) Laminar air flow (LAF)
 - c) Pyrogen
 - d) Sedimentation volume
 - e) Water For Injection (WFI)

CORRECTION / NO-CORRECTION FILE
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QPCODE: 306326

Dated: 27-10-2025

Question No.11(a)

Modified as "minim per gram" factor.

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

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