

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary
Examinations May 2025
Formulative Pharmacy
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *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 diagrams wherever necessary*

Essays

(2x10=20)

1. Explain the formulation of injections and sterile powders. Describe the quality control tests for parenteral.
2. Explain the extraction and production of hard gelatin capsule shells. Explain the stability testing of soft gelatin capsules.

Short Notes

(7x5=35)

3. Write a note on the quality control tests for pharmaceutical aerosols.
4. Explain eye ointments and eye lotions.
5. Write the composition of lipstick along with the role of each ingredient.
6. Explain oxidation and hydrolysis.
7. Discuss the coating pan and spray parameters to be considered during film coating of tablets.
8. Explain pelletization process.
9. Briefly explain the method of wet granulation for tablets.

Answer Briefly

(10x2=20)

10. Write a note on Laminar flow environments in sterile facility.
11. What is the importance of the hardness test for tablets.
12. What is polymerization.
13. Briefly explain sunscreens.
14. What are pyrogens.
15. Types of glass.
16. What are infusion fluids.
17. Partition coefficient.
18. Propellants for Aerosols.
19. Sterilization of parenteral.
