

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary
Examinations July 2024
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. Discuss the process of capsule shell manufacturing
2. Define cosmetics. Explain the formulation of lipstick and shampoo with examples

Short Notes

(7x5=35)

3. Discuss any two quality control tests for tablets
4. Explain types of propellant used for aerosol manufacturing
5. Discuss bridging and rat holing affecting the manufacture of solid dosage form
6. Discuss pyrogen test and sterility test of parenteral formulations
7. Explain dry granulation and list its advantages
8. Explain types of eye-ointment bases with examples
9. Explain different preformulation study parameters for solid dosage forms

Answer Briefly

(10x2=20)

10. BCS classification of drugs.
11. Relate the importance of pH in ophthalmic preparations
12. What are enteric coating polymers. Give one example
13. Compare disintegrants with super disintegrants
14. Different hard gelatin capsule filling methods.
15. Recall any two applications of preformulation studies
16. Elaborate on leak test for parenterals
17. List out the formulation ingredients of toothpastes
18. Enlist the factors that influence the choice of containers in pharmaceutical packaging
19. Outline the evaluation parameters of ophthalmic preparations
