

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary
Examinations September 2023
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 steps involved in sugar coating of tablets
2. Elaborate on categories of ingredients used in cosmetics preparation with suitable examples

Short Notes

(7x5=35)

3. Classify the materials used for packaging pharmaceutical products
4. Explain the slugging method under dry granulation of tablet manufacturing
5. Discuss any one packaging method for aerosols
6. Discuss types of valves used in aerosol containers
7. Explain any one method for filling of hard gelatin capsules
8. Elaborate steps involved in manufacturing of lipsticks
9. Explain any two major mechanism that affect dosage form stability, with suitable examples and remedies

Answer Briefly

(10x2=20)

10. Outline the significance of borosilicate glass as packaging material
11. What are super disintegrants
12. Recall two Type-1 propellants used for aerosol preparation
13. List two ideal properties of packaging materials
14. Define sublingual tablets with examples
15. Outline categories of surfactants used in the formulation of shampoos
16. Interpret the significance of zeta potential in liquid oral formulation
17. List all excipients used in formulation of parenteral products
18. Predict the role of polymorphic forms in the development of a formulation
19. The role of fluorides in tooth paste
