

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Supplementary Examinations
July 2022
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. Define and classify parenteral products. Add a note on different ingredients used in parenteral products.
2. Explain different quality control tests for tablets

Short Notes

(7x5=35)

3. Explain extraction of gelatin along with a flow sheet.
4. Describe Rotary Die process for the production of soft gelatin capsules.
5. Explain general composition of tooth pastes.
6. Explain the container system for aerosols.
7. Discuss the factors influencing the selection of containers.
8. Explain the formulation of eye drops.
9. Describe any one pelletization process in detail.

Answer Briefly

(10x2=20)

10. Explain enteric coating polymers. Give two examples.
11. Explain BCS classification of drugs.
12. Explain different tableting problems.
13. Define base adsorption value and write its significance.
14. Parenteral products should be isotonic. Why.
15. Explain Polymorphism with suitable examples.
16. Explain the finishing techniques used the production of hard gelatin capsules.
17. Mention different quality control tests for glass containers.
18. Enlist different sterilization methods
19. Explain lyophilization. Write its applications.
