

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Supplementary Examinations
May 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. Explain official quality control tests for tablets.
2. Explain extraction of gelatin. Describe Rotary die process for the production of soft gelatin capsules.

Short Notes

(7x5=35)

3. Discuss different methods of sterilization.
4. Explain different methods for Pyrogen testing of parenteral products.
5. Discuss wet granulation method.
6. Briefly write about different chemical properties studied in preformulation.
7. Explain any one method used for the manufacture of pellets.
8. Formulation considerations for ophthalmic preparations.
9. Explain the formulation and method of preparation of cold cream.

Answer Briefly

(10x2=20)

10. Different quality control tests for aerosols.
11. BCS classification of drugs.
12. Mention different types of glass used in pharmaceutical packaging.
13. Explain base adsorption value. Write its importance.
14. Parenteral products should be sterile and pyrogen-free. Give reasons.
15. Different types of propellants. Give examples.
16. Define lyophilization. What are its applications.
17. Different types of plastics used for pharmaceutical packaging.
18. Different steps involved in sugar coating of tablets.
19. Enlist different ingredients used for manufacture of tooth paste.
