

**Fifth Semester B. Pharm Degree Supplementary Examinations
January 2021
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. Classify the different types of tablets. Give an account of tablet compaction by rotary compression process.
2. Explain the methods of filling of aerosol and the evaluation of aerosol system.

Short Notes

(7x5=35)

3. Process involved in sugar coating.
4. Explain method of preparation of hard gelatin capsules shell.
5. Explain the defects of coated tablets.
6. Discuss the various methods used for sterilization of parenteral products.
7. Quality control tests for closures and containers.
8. Evaluation of ophthalmic preparation.
9. Formulation and manufacturing of shampoo.

Answer Briefly

(10x2=20)

10. Explain the applications of preformulation study
11. How to improve flow properties of the powder.
12. Explain the methods to improve solubility
13. List out the steps involved for tablet compression
14. Classify the vehicles used of parenteral preparation.
15. Types of aerosol system
16. Explain the limitation for using hard gelatin capsules
17. List out methods of pelletization process
18. Explain the factors influencing choice of containers
19. Ideal requirements of hair dyes