

QP Code: 522006

Reg. No.....

Fifth Semester B. Pharm Degree Supplementary Examinations

November 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. Explain different excipients and their functions used in the tablet manufacturing
2. Discuss formulation aspects of hard gelatin and soft gelatin capsules

Short Notes

(7x5=35)

3. Discuss any two quality control tests for capsules
4. Appraise glass as a material of pharmaceutical packaging
5. Discuss types of propellants used in the manufacture of aerosols
6. Illustrate the significance of drug–excipient compatibility studies in preformulation
7. Explain the disintegration test apparatus used for carrying out quality control test for tablets
8. Discuss types of modern hair colorants
9. Outline precautions to be taken during the manufacturing of parenteral products

Answer Briefly

(10x2=20)

10. Outline the significance of Carr's Index
11. The advantages of metered-dose inhaler
12. List four manufacturing defects of tablets
13. Name any two hardness testers used for measuring tablet hardness
14. Classify cosmetics according to their physical nature with two examples for each
15. Outline the significance of solubility studies
16. Justify the importance of particle size in preformulation
17. List QC tests for parenteral products
18. Define "Bloom strength"
19. Enlist the steps involved in sugar-coating of tablets
