

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary  
Examinations November 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. Write the sources and method of extraction process of gelatin. How to fill the drug in soft gelatin capsule by Rotary die process.
2. Explain the requirements of parenteral preparations and discuss the quality control test for parenteral products.

**Short Notes**

**(7x5=35)**

3. Describe the processing problems for tablets
4. BCS classification of Drugs
5. Discuss the different preformulation study in pharmaceutical dosage form.
6. Discuss the various coating materials used for tablets and its function.
7. Discuss the materials used for packaging of pharmaceutical products
8. Explain Chilsonator roller compactor
9. Explain the formulation and Manufacturing of toothpaste

**Answer Briefly**

**(10x2=20)**

10. Goals and objectives of preformulation study.
11. Classify Glass containers used for pharmaceuticals
12. Explain the steps involved in sugar-coating process of tablets
13. Classify the propellants used for aerosol system
14. Explain pyrogen, write the source of pyrogen
15. Classify different types of coating process of tablets
16. Formulation of hair dye
17. Define aerosols, write the containers used for aerosols.
18. Importance of isotonicity in parenteral preparation
19. Define bloom strength.

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