

QP Code: 123006

Reg. No.....

**First Semester B. Pharm Degree Supplementary Examinations
August 2024**

**Pharmaceutics- I
(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 table/diagrams/flow charts wherever necessary*

Essay

(2x10=20)

1. Define dosage form. Give the different classifications of dosage forms. Explain in detail about prescription and parts of prescription.
2. Define powders. Classify them. Write a detailed note on hygroscopic substances and eutectic mixtures.

Short Notes

(7x5=35)

3. Handling of the prescription.
4. What are the various factors affecting posology.
5. Advantages and disadvantages of the liquid dosage form.
6. Imperial and metric systems.
7. Write different methods for preparation of emulsion.
8. Write briefly about formulation of pharmaceutical gels.
9. Explain chemical incompatibility with an example.

Answer Briefly

(10x2=20)

10. What is displacement value.
11. Advantages of suppositories.
12. List the factors affecting skin penetration of drugs.
13. Different types of creams.
14. Classify ointment bases with examples.
15. Evaluation of semi-solid dosage forms.
16. Classification of suspension.
17. Define co-solvency.
18. Composition of non staining Iodine ointment BPC.
19. Two equations for calculating pediatric dose.
