

QP Code: 123006

Reg. No.....

**First Semester B. Pharm Degree Regular/Supplementary
Examinations June 2023
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 and classify the pharmaceutical incompatibilities. Explain different physical incompatibilities with suitable examples and their rectification.
2. Define suppositories. What are its merits and demerits. Discuss the methods preparation, packing and evaluation of suppositories.

Short Notes

(7x5=35)

3. Evaluation of semi solid dosage forms.
4. Classification of monophasic liquids with suitable examples.
5. Show the calculation to prepare 10 powders each contains 0.1mg hyoscine HBr. Minimum weight of each powder is 100mg.
6. Show the calculation to prepare and send 100 ml of Potassium permanganate solution so that when one tea spoonful is diluted 1000ml makes 1 in 5000 solution.
7. Stability problems of suspensions and its correction.
8. Methods for enhancement of solubility.
9. Parts of prescription.

Answer Briefly

(10x2=20)

10. Write the mechanism involved to prepare the Aqueous Iodine solution.
11. Stoke's law Equation.
12. Displacement value.
13. Any two equations for calculating paediatric doses.
14. Proof spirit.
15. Difference between ointments and pastes.
16. Differentiate between lotion and liniment.
17. Effervescent granules.
18. Cosolvency.
19. Translate the Latin terms in to English.

- mitte
- infricandus
- charta
- collunarium
