

2012 Scheme

QP CODE: 113006

Reg. No:

First Year B. Pharm Degree Supplementary Examinations June 2024 Pharmaceutics - I

(Dispensing and General Pharmacy)

Time: 3 Hours

Total Marks: 100

- 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
- Write equations wherever necessary.

Essay

(3x10=30)

1. Define emulsion. Explain the various methods of preparation of emulsion.
2. Define suppositories. Write the advantages and disadvantages of suppositories. Discuss about the different suppository bases used.
3. Define and classify incompatibility. Explain how to overcome chemical incompatibility with examples.

Short notes

(14x5=70)

4. Give the significance of Pharmacopoeias.
5. What will be the dose for a child of 5 years if the adult dose of a drug is 400mg.
6. Define prescription. Describe the importance of all the parts of a prescription.
7. How do you dispense eutectic powders.
8. Explain the different organoleptic additives used in any one monophasic liquid dosage form with a suitable example.
9. How many parts of 15%, 10%, and 5% alcohol are mixed to prepare 8% alcohol.
10. Define and classify suspension. Write about its advantages, disadvantages and the different suspending agents used.
11. Define galenicals. Classify their extraction process with examples
12. Write a note on ointment bases.
13. Write briefly about the ingredients used and method of preparation, containers used for packing, storage and labeling requirement of any one throat paint.
14. Define displacement value. How will you determine displacement value.
15. Explain the modified percolation process.
16. How many grams of glucose are needed to make 600ml of a 3% solution.
17. Enumerate four factors affecting the selection of the dose of a drug.
