

# 2012 Scheme

QP CODE: 113006

Reg. No: .....

## First Year B. Pharm Degree Supplementary Examinations January 2023 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 powders. Explain the types of powders. Add a note on formulation of effervescence powders.
2. Define and Explain the types of emulsion and identification tests for the determination of types of emulsion.
3. What is prescription. Lists the parts of prescription. Briefly explain the handling of prescription.

#### Short notes

(14x5=70)

4. Enumerate the factors affecting drug dose selection.
5. Calculate the quantities of 30%, 40% and 80% alcohol to required to be mixed to get 200ml of 50% alcohol.
6. Explain the formulation of lotions.
7. Write the definition, types and advantages of suppositories.
8. The role of displacement value in the preparation of suppositories.
9. Explain the therapeutic incompatibilities with examples.
10. Explain the factors which influence dermal penetration of drugs.
11. Excipients used in semi-solid dosage forms.
12. Describe the preparation of aromatic waters.
13. Principle and method of extraction of tinctures.
14. Explain the dispensing procedures of prescriptions with physical incompatibility.
15. Define posology. Explain pediatric dose calculation with example
16. Explain the preparation of infusions.
17. Explain Indian pharmacopoeia and National Formulary of India.

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