

# 2012 Scheme

QP CODE: 113006

Reg. No: .....

## First Year B. Pharm Degree Supplementary Examinations March 2022 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. Explain extraction and maceration process. Explain multiple maceration.
2. Explain the importance of prescription. Mention the parts of a prescription. Briefly explain procedures to handle prescription errors.
3. What are the various advantages of powders. With a suitable example, describe the compounding of effervescent powders.

### Short notes

(14x5=70)

4. Briefly discuss ingredients used in preparation of lozenges and give its uses.
5. Define a semisolid dosage form. List any two advantages and disadvantages.
6. Mention the types of emulsion. Briefly explain dry gum and wet gum methods.
7. Classify suppository bases. Briefly explain cold compression method to prepare suppositories.
8. Mention various excipients used in the preparation of mixtures.
9. Explain the various formulas used for calculating child dose based on age
10. Mention the ingredients used in liniments. Give the directions for patients.
11. Ointment bases.
12. Define chemical incompatibility. With an example, explain incompatibility due to evolution of gas.
13. Define galenicals. Briefly explain decoction process.
14. "Current edition" of Indian Pharmacopoeia (IP).
15. With a suitable example for synergism, briefly explain therapeutic incompatibility.
16. What is a dusting powder. Mention the types and list the uses.
17. Write the English meaning and expansion of the following Latin terms  
(i) a.c (ii) t.i.d (iii) p.r.n (iv) s.o.s (v) h.s

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