

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharmacy (Sem.-1)
INTRODUCTION TO DOSAGE FORMS
Subject Code : PHM-112
M.Code : 46104

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **FIFTEEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **FOUR** questions carrying **TEN** marks each and students have to attempt any **THREE** questions.

SECTION-A

I. Write short notes on :

- a) Define suspensions.
- b) Give two examples each of oil and water soluble preservatives.
- c) What is syrup IP?
- d) What is a douche?
- e) Give examples of non-ionic surfactants.
- f) Define mouth washes and mention their ingredients.
- g) What is a drought?
- h) Give examples of antioxidants.
- i) Define glycerites and give their examples.
- j) Give examples of natural and synthetic polymers used as binders.
- k) Mention the additives present in a tablet.
- l) What are gargles and what are their ingredients?
- m) Define dry extract.
- n) What is a decoction?
- o) What is invert syrup?

SECTION-B

2. What is the difference between simple syrup and invert syrup? Describe the methods used for preparing them.
3. What are lotions and applications? Giving suitable examples discuss the role of each ingredient included in their formulation.
4. Write briefly about infusions and their method of preparation.
5. What are mouth washes? Mention the ingredients of mouth wash and justify their use.
6. What are aromatic waters? Give examples of aromatic waters and describe their methods of preparation.

SECTION-C

7. Comment on the ethical principles of a pharmacist.
8. What are diluents? Give examples of diluents and mention their use.
9. What are dry extracts and soft extracts? Discuss the standardization of extracts.
10. Discuss the evolution of pharmacy profession in India. Briefly outline the career opportunities available to pharmacists in India.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.