

Roll No.

Total No. of Pages : 02

Total No. of Questions : 22

B.Pharma (2017 & Onwards) (Sem.-1)

PHARMACEUTICS-I THEORY

Subject Code : BP-103T

M.Code : 74646

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

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

#### SECTION-A

Answer briefly :

1. What is a prescription?
2. Mention the English meaning of: h.s. & dolore urgente.
3. What are dusting powders?
4. What are efflorescent powders? Give two examples.
5. What are throat paints? Mention the ingredients contained in them.
6. What is a gargle? Mention the ingredients of a gargle.
7. What is meant by displacement value with respect to suppositories?
8. Differentiate between creams and pastes.
9. What is meant by adjusted incompatibility?
10. What are lotions?

## SECTION-B

11. Outline a typical prescription and label different parts in it. Explain the different parts of a prescription.
12. What are emulsions? How the type of emulsion is identified?
13. Differentiate between a flocculated and deflocculated suspension. Highlight the parameters evaluated for determining the stability of a suspension.

## SECTION-C

14. Give a brief account of the errors encountered in a prescription.
15. What are effervescent powders? Give an account of the method used for preparing effervescent granules.
16. Give a brief account of the solubility enhancement techniques used for enhancing the solubility of drugs.
17. Mention the factors influencing the dermal penetration of drugs and the techniques used for enhancing the permeation across skin.
18. Define liniments. Mention the ingredients of liniments and their uses.
19. Comment on the stability testing of emulsions.
20. The adult dose of a drug is 1.5 G per day. The drug has to be given two times a day to a child of 15 months. Calculate each dose for the child.
21. Write a note on adjusted incompatibilities.
22. Discuss non-melting bases for suppositories.

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.