Roll No. | | | | | | | | | | | | |

Total No. of Pages : 02

Total No. of Questions : 13

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 student has to attempt any TWO questions.**
3. **SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.**

SECTION-A

1) Answer briefly :

a) Define a prescription and mention its parts?

b) Mention the English meaning of : qs; sos; ex aq; post cibos.

c) What is meant by Proof Strength?

d) What are effervescent powders? Mention their advantages.

e) What are anti-oxidants? Give two examples of oil soluble antioxidants.

f) What is a gargle? Mention the ingredients of a gargle.

g) What is meant by displacement value with respect to suppositories?

h) Define a suspension and give examples of suspending agents.

i) What is meant by adjusted incompatibility?

j) What are creams?

SECTION-B

2. How many ml of a 17% w/v concentrate of benzalkonium chloride solution should be used in preparing 300 ml of a stock solution such that 15 ml diluted to 1000 ml will yield a 1: 5000 solution?

3. What are suppositories? Mention the types of drugs that can be advantageously administered through suppositories. Give a brief account of bases used for making suppositories.

4. Differentiate between a flocculated and deflocculated suspension. Highlight the parameters evaluated for determining the stability of a suspension.

SECTION-C

5. Write a note on career prospects in pharmacy profession in India.

6. Give an account of the method used for preparing effervescent granules.

7. Enumerate the excipients used in liquid preparations with examples.

8. Name various solubility enhancement techniques. Discuss **any one** with example.

9. Define liniments. Mention the ingredients of liniments and their uses.

10. Briefly explain the tests employed for identifying type of emulsions.

11. Write briefly about stability testing of emulsions.

12. Classify chemical incompatibilities with examples.

13. Discuss bases with examples for pessaries.

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.