

SHRI RAMSWAROOP MEMORIAL UNIVERSITY

End Semester Examination (2021-22)-Odd Semester

B.Pharm – I Year (I Sem)

Course Name: **Pharmaceutics-I**

Code: **BP103T**

Time: **03 Hours**

Max Marks: **75**

University Roll No.

(To be filled by the Student)

Note: Please read instructions carefully:

- The question paper has 03 sections and it is compulsory to attempt all sections.
- All questions of Section A are compulsory; questions in Section B and C contain choice.

| Section A: Multiple Choice or Objective Type Questions Attempt all the questions. | | BL | CLO | Marks (20) |
|--|--|-----------|------------|-------------------|
| 1. | Who is father of medicine: a) Ebers b) Hippocrates c) Egyptian d) Pontus | BL1 | CLO1 | 02 |
| 2. | USP stands for: a) United States Pharmacology c) United States Pharmacopoeia b) Unites States Pharmacy d) United States Pharmacy | BL1 | CLO1 | 02 |
| 3. | Simple syrup is saturated solution of: a) Sucrose b) Fructose c) Dextrose d) None of these. | BL4 | CLO5 | 02 |
| 4. | When two or more drugs are used in combination to increase the pharmacological action, the phenomenon is known as: a) Antagonism b) Tolerance c) Idiosyncrasy d) Synergism | BL5 | CLO3 | 02 |
| 5. | Solutions are: a) Biphasic b) Monophasic c) Triphasic d) Solid | BL1 | CLO5 | 02 |
| 6. | The superscription is represented by a symbol: a) Doc b) RX c) Rx d) Ph | BL2 | CLO2 | 02 |
| 7. | The prescription must be received and checked by: a) Physician b) Patient c) Nurse d) Pharmacist | BL2 | CLO2 | 02 |
| 8. | Rate of sedimentation is high in ____ suspension. : a) Flocculated b) De-flocculated c) Both d) None | BL4 | CLO5 | 02 |
| 9. | BID in pharmaceutical term refers to which of the following: a) Every other day b) Three times a day c) Twice d) Twice a day | BL1 | CLO3 | 02 |
| 10. | How many editions of IP has been published till date: a) 5 b) 6 c) 7 d) 8 | BL1 | CLO1 | 02 |
| Section B: Short Answer Type Questions Attempt any 07 out of 09 questions. | | BL | CLO | Marks (35) |

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|---|---|-----------|------------|-------------------|
| 1. | Define the following: I. Idiosyncrasy II. Tachyphylaxis III. Additive effect. | BL1 | CLO3 | 05 |
| 2. | Differentiate between following: I. Chewable tablet and lozenges II. Syrup and elixir | BL4 | CLO5 | 05 |
| 3. | Calculate the amount of 95% alcohol required to produce 300 ml of 60% alcohol. | BL3 | CLO3 | 05 |
| 4. | Define and classify emulsion. | BL2 | CLO5 | 05 |
| 5. | Define and classify suspension. | BL2 | CLO5 | 05 |
| 6. | Discuss the various methods of preparation of 'suppositories'? | BL6 | CLO5 | 05 |
| 7. | Define and classify powders. Give its advantages and disadvantages. | BL4 | CLO5 | 05 |
| 8. | Elaborate all the formulas used in pharmaceutical calculation. | BL6 | CLO3 | 05 |
| 9. | Discuss the evaluation parameters of semisolid dosage forms. | BL2 | CLO5 | 05 |
| Section C: Long Answer Type Questions Attempt any 02 out of 03 questions. Answer question in appropriate word limit. | | BL | CLO | Marks (20) |
| 1. | Write a note on prescription and explain all the parts of prescription. | BL2 | CLO4 | 10 |
| 2. | Determine the stability problems of suspension and methods to overcome them. | BL5 | CLO5 | 10 |
| 3. | Determine the solubility enhancement techniques of liquid dosage forms. | BL5 | CLO4 | 10 |
