

B. Pharm First Semester (New)
35303 : Pharmaceutics – I
BP 103 T

P. Pages : 2

Time : Three Hours



AV - 2365

Max. Marks : 75

- Notes : 1. Illustrate your answer necessary with the help of neat sketches.
2. Solve all questions.

1. a) Give the metric equivalents of the following. 2
- i) One Pint
 - ii) One Pound
 - iii) One Minim
 - iv) One Fluid ounce
- b) Enlist **any four** ointment bases. 2
- c) Fill in the blanks. 2
- a) The prescription must be received and checked by -----
(Doctor / Nurse / Pharmacist)
 - b) The Prescription is a written order by the prescriber to -----
(Doctor / Nurse / Pharmacist)
- d) Match the following. 2
- | | |
|---------------|--------------|
| i) Capsules | a) Liquid |
| ii) Creams | b) Solid |
| iii) Lozenges | c) Solid |
| iv) Solutions | d) Semisolid |
- e) State True or False. 2
- i) Dusting powders are meant for external use.
 - ii) Enemas are administered by oral route.
- f) Differentiate between Flocculated & Deflocculated Suspensions. 2
- g) Enlist excipients used in liquid dosage forms with examples. 2
- h) Enlist any four monophasic liquid dosage forms. 2

- i) Enlist any four factors affecting dermal penetration of drugs. 2
- j) Give any four examples of Physical Incompatibility. 2
- 2. Long answer type questions- 20
Answer **any two** of the following.
 - a) What do you mean by Prescription? Describe different parts of prescription & their significance.
 - b) What do you mean by Emulsions? Classify them & discuss the tests used for detection of emulsion type. Add a note on stability problems in emulsions.
 - c) Explain the term "Dose". Discuss various factors affecting dose of drug.
- 3. Short answer type questions. Answer **any seven** questions from the following 35
 - a) What is Posology? Give various formulas for calculation of doses for children.
 - b) Enlist various factors influencing dose of drug.
 - c) Write a note on scope of pharmacy.
 - d) Give an example of one representative prescription.
 - e) Define & classify powders.
 - f) What are monophasic liquid dosage forms? Explain the advantages of liquid dosage forms.
 - g) Describe the desired qualities of a good suspension.
 - h) Write the advantages of emulsions.
 - i) Discuss emulsifying agents in brief.
