

Con. 5984-08.

Nov. 08

P. ceutics - I
(2 Hours)

RS-4739

Sem I

[Total Marks : 40

2008-09

- N.B. :** (1) Question No. 1 is **compulsory**.
(2) Attempt any **three** questions from the remaining questions.
(3) **Figures** to the **right** indicate **full** marks.

1. Give reasons for the following :- 10
 - (a) Marc is not pressed in the extraction of unorganised drugs.
 - (b) Ear drops are oily preparations.
 - (c) Parenteral route is used only in emergency.
 - (d) Glycerine is used in throat paints.
 - (e) Infusions cannot be stored for a long time.

2.
 - (a) Discuss the need for a dosage form. 3
 - (b) Classify the various liquid dosage forms giving suitable examples. 3
 - (c) Differentiate between Oral and Parenteral routes of drug administration. 4

3.
 - (a) List the various processes used for extraction of crude drugs. 2
 - (b) Discuss the process of maceration for organised and unorganised drugs. 4
 - (c) Differentiate between Newtonian and Non-Newtonian fluids. 4

4.
 - (a) Write a note on development of IP. 3
 - (b) Discuss GMP and its importance in the manufacturing area of a pharmaceutical industry. 4
 - (c) Define bioavailability. Discuss any five factors affecting the oral bioavailability of drugs. 3

5. Write notes on :- 10
 - (a) Filter aids
 - (b) Percoation Process
 - (c) Drug Absorption.
