

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. Pharm. – SEMESTER – IV • EXAMINATION – WINTER • 2016**

**Subject Code: 240001****Date: 20-10-2016****Subject Name: Dispensing Pharmacy – I****Time: 10:30 am - 01:30 pm****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- |            |  |           |
|------------|--|-----------|
| <b>Q.1</b> | (a) Discuss scope of pharmacy and explain any one in detail.   | <b>06</b> |
|            | (b) Define prescription and discuss the various parts of prescription.   | <b>05</b> |
|            | (c) Write a note on household measures.  | <b>05</b> |
| <b>Q.2</b> | (a) Briefly write on dispensing procedure.   | <b>06</b> |
|            | (b) Explain sources of information for the pharmacist for dispensing.  | <b>05</b> |
|            | (c) Write a note on storage and stability of medicine.   | <b>05</b> |
| <b>Q.3</b> | (a) Comment on the following.  | <b>06</b> |
|            | 1. 'Shake well before use' is a labeling requirement for biphasic liquid formulations.   |           |
|            | 2. Syrup IP is self-preservative.  |           |
|            | 3. Cold cream is o/w type emulsion.  |           |
|            | (b) Discuss various types of powders.  | <b>05</b> |
|            | (c) Describe possible source of errors during compounding in prescription.   | <b>05</b> |
| <b>Q.4</b> | (a) Define Posology. Discuss in brief the factors which influence Dose.  | <b>06</b> |
|            | (b) Write the various formulas for calculating the child dose.   | <b>05</b> |
|            | (c) Translate the following terms into English:<br>Ungentum, Ante meridiem, Per os, Hora somni, Guttae                                       | <b>05</b> |
| <b>Q.5</b> | (a) Write a note on oral unit dosage forms.  | <b>06</b> |
|            | (b) Explain in brief:<br>Proof spirit, Emulsion, Cachets, Draught, Insufflation.   | <b>05</b> |
|            | (c) Write a note on flavors and colors as organoleptic additives.  | <b>05</b> |
| <b>Q.6</b> | (a) Differentiate Flocculated suspension and Deflocculated suspension.   | <b>06</b> |
|            | (b) Lotion and liniments.  | <b>05</b> |
|            | (c) Diffusible and indiffusible mixtures.  | <b>05</b> |
| <b>Q.7</b> | (a) Describe a method to determine displacement values of a drug for moulded dosage form.  | <b>06</b> |
|            | (b) Write a note on inhalation.  | <b>05</b> |
|            | (c) Give all the labeling requirement of the following dosage form.<br>Liniment, Enema, Effervescent antacid granules, Lozenges, Suspension, | <b>05</b> |

\*\*\*\*\*