

Seat No.: _____

Enrolment No. _____

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

Subject Code: 2230001 **Date: 19-11-2016**
Subject Name: Dispensing Pharmacy-I and Drug Store Management
Time: 02:30 pm - 05:00 pm **Total Marks: 80**

Instructions:

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

- Q.1** (a) Explain the following. 1) Draughts 2) Linctuses 3) Elixirs 4) Gargles 5) Enemas **06**
(b) Define prescription. Explain parts of prescription. Explain in brief sources of errors in prescription **05**
(c) Classify liquid dosage forms. Differentiate liniments and lotions. **05**
- Q.2** (a) Define Posology. Discuss in brief the factors which influence Dose. **06**
(b) Explain in detail methods for dose calculation. **05**
(c) How much of a 5 % will be required to prepare 600 ml of a 1 in 800 solution? **05**
- Q.3** (a) Write a note on instability of Dispersion system. **06**
(b) Give the labelling requirements of Gargles, Eye drop, Liniment Inhalation, Syrup. **05**
(c) What quantity of 20 % v/v, 70 % v/v, 90% v/v of alcohol and water shall be mixed to get 700 ml of 55% v/v of alcohol? **05**
- Q.4** (a) Differentiate Flocculated & Deflocculated Suspension **06**
(b) Differentiate Syrup & Elixirs **05**
(c) Translate the following latin terms into English: Jentaculum, Cochleare magnum, Guttae, Nocte et mane., semel in die. **05**
- Q.5** (a) Classify Solid dosage forms. Explain Effervescent Powders in detail. **06**
(b) Explain in detail about displacement value for moulded solid dosage forms. **05**
(c) How to dispense the powder containing explosive ingredients and eutectic mixture? **05**
- Q. 6** (a) Explain Quality control of drugs in hospitals. **06**
(b) Discuss organization and structure of whole sale drug store. **05**
(c) Explain in detail definition and scope of Dispensing Pharmacy. **05**
- Q.7** (a) Discuss ABC analysis & EOQ analysis in Inventory Control. **06**
(b) Discuss objectives and significance of purchasing. **05**
(c) Detail note on Site Selection criteria for Retail Or Whole sale Drug Store. **05**
