

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – III • EXAMINATION – WINTER • 2015

Subject Code: 2230001

Date: 30-12-2015

Subject Name: Dispensing Pharmacy-I and Drug Store Management

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.**

- Q.1** (a) Classify liquid dosage forms. Explain in brief liniments and lotions. **06**
(b) Define and classify Mixtures. Explain formulation ingredients of mixtures with examples. **05**
(c) Explain the following. 1) Draughts 2) Linctuses 3) Elixirs 4) Gargles 5) Enemas **05**
- Q.2** (a) Define and classify Emulsions. Explain theories of emulsification. **06**
(b) Explain in detail Emulsion stability with respect to disperse systems. **05**
(c) Explain in detail different methods used to prepare an Emulsion. **05**
- Q.3** (a) Define Posology. Explain in detail methods for dose calculation. **06**
(b) Enumerate factors affecting dose. Explain Drug Tolerance and Idiosyncrasy in detail. **05**
(c) A pharmacist has a 70% solution and 15% solution available with him. He is required to make 480 ml of 30% solution. **05**
- Q.4** (a) Explain organization and structure of retail and whole sale drug store. **06**
(b) Explain in detail purchase and inventory control principles. **05**
(c) Explain Quality control of drugs in hospitals. **05**
- Q.5** (a) Define prescription. Explain parts of prescription. Explain in brief sources of errors in prescription. **06**
(b) Explain storage and stability of medicines. **05**
(c) Explain in detail definition and scope of Dispensing Pharmacy. **05**
- Q.6** (a) Explain in detail terms used to express strength of Alcoholic solutions. **06**
(b) Classify Solid dosage forms. Explain Effervescent Powders in detail. **05**
(c) Classify Powders. Explain in brief Wafer Capsules. **05**
- Q.7** (a) Explain the following terms 1) Eye ointment 2) Tablet triturates 3) Contact lens solution. **06**
(b) Explain design and types of drug stores. **05**
(c) Explain the following terms 1) Displacement Value 2) Lozenges 3) Isotonic Solutions. **05**
