Enrolment No._____

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

| Subject Code: 2230001Date: 30-12-2015Subject Name: Dispensing Pharmacy-I and Drug Store ManagementTime: 10:30 am - 01:30 pmInstructions:1. Attempt any five questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks. | | | |
|--|-------------------|---|----------------|
| Q.1 | (a) (b) (c) | Classify liquid dosage forms. Explain in brief liniments and lotions. Define and classify Mixtures. Explain formulation ingredients of mixtures with examples. Explain the following. 1) Draughts 2) Linctuses 3) Elixirs 4) Gargles 5) Enemas | 06 05 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) (b) (c) | Explain the following terms 1) Eye ointment 2) Tablet triturates 3) Contact lens solution.Explain design and types of drug stores.Explain the following terms 1) Displacement Value 2) Lozenges 3) Isotonic Solutions. | 06 05 05 |
