

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.**

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|-------------|------------|---|-----------|
| 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 |
