

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

Subject Code:2230001**Date: 04/05/2016****Subject Name: Dispensing Pharmacy-I and Drug Store Management****Time: 2:30 PM to 5:30 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) Define Pharmacy. Explain various scope of pharmacy profession in market **06**
(b) Define the term prescription. Discuss in detail various parts of prescription **05**
(c) Discuss in detail sources of error in prescription **05**
- Q.2** (a) Define posology. Explain various formula used for calculating the dose for children **06**
(b) Define container. Classify the container and discuss good qualities of container **05**
(c) Write special labeling instruction for the following dosage form **05**
(1) Eye lotion (2) Eye drops (3) Enemas (4) Enteric coated tablet
(5) Aerosol inhalations
- Q.3** (a) Define and explain in detail isotonic solution **06**
(b) A sample cinchona powder containing 8 % alkaloids has to be made-up from three lots powders containing 3 %, 6 % and 10 % alkaloids, in what proportion should these be mixed? **05**
(c) Define displacement value. Explain in detail displacement value for molded dosage form **05**
- Q.4** (a) Define mixture. Classify the mixture. Explain in detail mixture contain indifusible solides with suitable example **06**
(b) Define the following term emulsion, liniments and lotion. Write down about an identification test of emulsion. **05**
(c) Write a note on stability of emulsions. **05**
- Q.5** (a) Define powders. Give advantages and disadvantages of powder. Explain dusting powders in detail. **06**
(b) Define and explain eye drops in detail. **05**
(c) Explain in detail tablet triturates. **05**
- Q. 6** (a) What is the meaning of inventory control? Explain in detail ABC analysis method and EOQ method **06**
(b) Define purchasing. Explain objectives and principles involve in purchasing. **05**
(c) Explain in detail quality control of drug in hospital **05**
- Q.7** (a) Discuss in detail design of drug store **06**
(b) Explain the maintenance of drug store in detail **05**
(c) Write a note on dispensing of proprietary products **05**
