

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph. - SEMESTER– III • EXAMINATION –SUMMER -2021

Subject Code: Dispensing Pharmacy-I and Drug Store Management

Subject Name: 2230001

Date: 01/09/2021

Time: 02:30PM to 05:30PM

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 prescription. Explain parts of prescription. **05**
(c) Define container. Classify the container and discuss good qualities of container **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) 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) Discuss in detail sources of error in prescription. **05**
(c) Write a note on instability of Dispersion system. **05**
- Q.4** (a) How to dispense the powder containing explosive ingredients and eutectic mixture **06**
(b) Differentiate Flocculated & Deflocculated Suspension **05**
(c) Translate the following Latin terms into English: Cochleare amplum, Jentaculum **05**
Guttae, Omni nocte. Si Opus Sit.
- Q.5** (a) Classify Solid dosage forms. Explain Effervescent Powders in detail. **06**
(b) Explain in detail tablet triturates. **05**
(c) Define and explain eye drops in detail. **05**
- Q. 6** (a) Discuss ABC analysis & EOQ analysis in Inventory Control **06**
(b) Discuss organization and structure of whole sale drug store. **05**
(c) Write a short note on calculation of retail price of drug formulation. **05**
- Q.7** (a) What is 'Codification'? Discuss the different methods of codification of items **06**
in a drug store.
(b) Differentiate between the Retailers and Wholesalers. **05**
(c) Explain the term 'Inventory control'. What are its functions? **05**