

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

Subject Code: 2230001

Date: 06-06-2015

Subject Name: Dispensing Pharmacy-I and Drug Store Management

Time: 02:30 pm - 05:30 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 Posology. Discuss in brief the factors which influence Dose. | 06 |
| | (b) Describe pricing, filing & delivering prescription to the patient. | 05 |
| | (c) Enumerate the oral unit dosage form. Write a note on tablet triturate. | 05 |
| Q.2 | (a) Discuss various methods of calculating dose for infants and children. | 06 |
| | (b) Give the labeling requirements of the following dispensed products:
Liniment, Emulsions, Eye ointment, Powders and Lotions. | 05 |
| | (c) Enumerate types of mixtures. Give advantages and disadvantages of mixtures. | 05 |
| Q.3 | (a) Define prescription. Explain in brief various parts of typical prescription. | 06 |
| | (b) Define Creaming. Discuss the factor affecting the rate of creaming of an emulsion. | 05 |
| | (c) Differentiate: liniments and lotions. | 05 |
| Q.4 | (a) How to dispense the powder containing explosive ingredients and eutectic mixture. | 06 |
| | (b) Discuss desirable features of containers and closure for dispensing products. | 05 |
| | (c) How much of a 5 % will be required to prepare 600 ml of a 1 in 800 solution? | 05 |
| Q.5 | (a) Discuss ABC analysis. | 06 |
| | (b) Explain the term 'Inventory control'. What are its functions? | 05 |
| | (c) Draw ideal location layout design of a drug store. | 05 |
| Q. 6 | (a) What is 'Codification'? Discuss the different methods of codification of items in a drug store. | 06 |
| | (b) Write a short note on calculation of retail price of drug formulation. | 05 |
| | (c) Write a brief note on tenders. | 05 |
| Q.7 | (a) Discuss the general factors to be considered while selecting a site for drug store. | 06 |
| | (b) Discuss objectives and significance of purchasing. | 05 |
| | (c) Differentiate between the Retailers and Wholesalers. | 05 |
