

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.Pharm. – SEMESTER-III– • EXAMINATION – Summer -2018**

**Subject Code:2230001****Date: 30/04/2017****Subject Name: Dispensing Pharmacy-I and Drug Store Management****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.

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|-------------|---|-----------|
| <b>Q.1</b>  | (a) Classify mixtures and discuss indiffusible mixtures.  | <b>06</b> |
|             | (b) Differentiate (i) Lotion & Liniment (ii) Syrup & Elixirs  | <b>05</b> |
|             | (c) Explain in detail different methods used to prepare an Emulsion.  | <b>05</b> |
| <b>Q.2</b>  | (a) Define powders. Give advantages and disadvantages of powder. Explain dusting powders in detail.   | <b>06</b> |
|             | (b) Briefly explain (i) Tablet triturates (ii) Contact lens solutions   | <b>05</b> |
|             | (c) Explain various tests for the determination of emulsion type.   | <b>05</b> |
| <b>Q.3</b>  | (a) Explain organization and structure of retail and whole sale drug store.   | <b>06</b> |
|             | (b) Explain the objectives of inventory control.  | <b>05</b> |
|             | (c) If adult dose of a drug is 500 mg. calculate the dose required for 1.8 years Infants?   | <b>05</b> |
| <b>Q.4</b>  | (a) Define Pharmacy. Explain various scope of pharmacy profession.  | <b>06</b> |
|             | (b) Explain the reasons for use of latin in pharmacy.   | <b>05</b> |
|             | (c) Define the term Rx. Enlist the parts of Rx and explain 'SIGNA' in detail.   | <b>05</b> |
| <b>Q.5</b>  | (a) Discuss general dispensing procedure.   | <b>06</b> |
|             | (b) Define Posology. Discuss the various factors which influence dose.  | <b>05</b> |
|             | (c) What will be the percentage strength corresponding to 50 O.P. and 30 U.P.?  | <b>05</b> |
| <b>Q. 6</b> | (a) Write a note on (i) Lozenges (ii) Pastilles   | <b>06</b> |
|             | (b) Write labeling instruction for the following dosage form : (i) Mouth wash (ii) Eye drops (iii) Gargles (iv) Throat paints (v) Aerosol inhalations | <b>05</b> |
|             | (c) Translate the following latin terms into English: (i) Mistura (ii) post cibos (iii) infricandus, (iv) si opus sit (v) Cochleare magnum.           | <b>05</b> |
| <b>Q.7</b>  | (a) What is the meaning of inventory control? Explain in detail ABC analysis method.  | <b>06</b> |
|             | (b) Role of pharmacist in patient counseling.   | <b>05</b> |
|             | (c) Differentiate between the Retailers and Wholesalers.  | <b>05</b> |

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