

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.

|             |                                                                                                                                                       |           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <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> |

\*\*\*\*\*