

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 3 EXAMINATION – SUMMER -2019**Subject Code: 2230001****Date: 30-05-2019****Subject Name: Dispensing Pharmacy I and Drug Store Management****Time: 02:30 PM TO 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 prescription. Explain in brief various parts of typical prescription. **06**
(b) Define Posology. Discuss in brief the factors which influence Dose. **05**
(c) Discuss various methods of calculating dose for infants and children. **05**
- Q.2** (a) Discuss general procedure of prescription handling. **06**
(b) Enumerate the oral unit dosage form. Write a note on tablet triturate. **05**
(c) How much of a 3 % will be required to prepare 500 ml of a 1 in 400 solution? **05**
- Q.3** (a) Explain Effervescent Powders in detail. **06**
(b) Define Creaming. Discuss the factor affecting the rate of creaming of an emulsion. **05**
(c) Explain storage and stability of medicines. **05**
- Q.4** (a) Differentiate between **06**
1) Mixture and Draughts
2) Syrup and Elixirs
(b) Define and explain in detail isotonic solution **05**
(c) How to dispense the powder containing explosive ingredients and eutectic mixture. **05**
- Q.5** (a) Classify solutions. Advantage & disadvantage of solutions. **06**
(b) Differentiate: liniments and lotions. **05**
(c) Explain the following. 1) Draughts 2) Linctus 3) Elixirs 4) Gargles 5) Enemas **05**
- Q. 6** (a) Discuss in detail design of drug store. **06**
(b) Differentiate between the Retailers and Wholesalers. **05**
(c) Discuss ABC analysis. **05**
- Q.7** (a) Write a short note on calculation of retail price of drug formulation. **06**
(b) Discuss objectives and significance of purchasing. **05**
(c) Explain the term 'Inventory control'. What are its functions? **05**
