

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 3 EXAMINATION – WINTER -2019

Subject Code: 2230001**Date: 15-11-2019****Subject Name: Dispensing Pharmacy I and Drug Store Management****Time: 10:30AM TO 01:30PM****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) Enumerate & explain the various parts of prescription with example. **06**
(b) Explain the term “Dispensing”. Write note on its scope of Pharmacy in India. **05**
(c) Discuss general dispensing procedure. **05**
- Q.2** (a) Give a brief note on source of errors in prescription and its handling. **06**
(b) Define Posology. Discuss the factors affecting dose calculation. **05**
(c) Define Displacement value. Discuss in detail with suitable example. **05**
- Q.3** (a) What quantity of 20 % v/v, 70 % v/v, 90% v/v of alcohol and water shall be mixed to get 700 ml of 55% v/v of alcohol? **06**
(b) Calculate the amount of Boric acid required to make 1 % Cocaine Hydrochloride solution, isotonic with lachrymal secretion. Freezing point due to 1 % Cocaine Hydrochloride is -0.090 °C & freezing point due to 1 % Boric acid is -0.29 °C. **05**
(c) Explain different methods for pediatric dose calculation. **05**
- Q.4** (a) Explain the following terms and enumerate marketed product of: 1) Draughts 2) Linctuses 3) Elixirs 4) Gargles 5) Enemas **06**
(b) Write a note on stability of emulsions. **05**
(c) Define powders. Give advantages and disadvantages of powder. Explain dusting powders in detail. **05**
- Q.5** (a) Classify Solid dosage forms. Explain Effervescent Powders in detail. **06**
(b) Differentiate between **05**
1) Liniments and lotion 2) Syrup and Elixirs
(c) Discuss different methods for preparation of Emulsion with suitable example. **05**
- Q. 6** (a) Write in detail about purchase procedure in Pharmaceutical industry. **06**
(b) Explain the importance of inventory control. Discuss EOQ analysis method. **05**
(c) Explain the role of Quality control of drugs in context to drug store and hospital. **05**
- Q.7** (a) Write a brief note on dispensing of proprietary products. **06**
(b) Explain organization and structure of retail and whole sale drug store. **05**
(c) Discuss contact lens solution in detail with its application. **05**
