

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 3- EXAMINATION – WINTER - 2018

Subject Code:2230001**Date: 04/12/2018****Subject Name: Dispensing Pharmacy I and Drug Store Management****Time:10:30 AM TO 01:30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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| Q.1 | (a) Define Prescription. Explain Handling of Prescription. | 06 |
| | (b) Define Posology. Write different formula for calculation of dose for child. | 05 |
| | (c) Discuss general dispensing procedure. | 05 |
| Q.2 | (a) Differentiate Between- I) Mouthwashes and Gargles. II) Lotions and Liniments. | 06 |
| | (b) Discuss at length labeling of dispensed products. | 05 |
| | (c) Explain various methods of preparation of Syrups. | 05 |
| Q.3 | (a) Classify Powders. Write a note on Tablet triturates. | 06 |
| | (b) Write pharmaceutical instability of Suspensions. | 05 |
| | (c) Write different theory of emulsification. | 05 |
| Q.4 | (a) Classify Monophasic liquid dosage forms. | 06 |
| | (b) Write the ideal properties of Ophthalmic products. Give different labeling conditions of Eye drops and Eye ointments. | 05 |
| | (c) Write a note on: I) Lozenges II) Inhalations | 05 |
| Q.5 | (a) Define and explain scope of Pharmacy. | 06 |
| | (b) Discuss at length Glass as a packaging material. | 05 |
| | (c) How the records of Retail and Wholesale should be maintained? | 05 |
| Q.6 | (a) Convert 90% v/v and 40% v/v of alcohol in to proof strength. | 06 |
| | (b) Give the formula for 15 cocoa butter suppositories each weighing 2g and containing 250 mg of zinc oxide and 100 mg of tannic acid. [D.V. of zinc oxide= 5 and D.V. of tannic acid=1]. | 05 |
| | (c) Dispense 1 quart of 1 in 250 solutions. | 05 |
| Q.7 | (a) Enumerate different techniques of inventory control and explain ABC and VED analysis methods in brief. | 06 |
| | (b) Explain different methods of storage of drug material in retail drug store. | 05 |
| | (c) Draw layout of retail drug store. Write list of documents required to open a new retail drug store. | 05 |
