

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm. - SEMESTER-III • EXAMINATION – WINTER -2021

Subject Code: 2230001

Date: 25/02/2022

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.

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| Q.1 | (a) Enumerate parts of prescription. Describe Inscription and Signatura. | 06 |
| | (b) Define Dispensing Pharmacy. Explain labelling of dispensed products. | 05 |
| | (c) Explain prescription error. Discuss in detail sources of error in prescription. | 05 |
| Q.2 | (a) Explain: Isotonic solution. Describe methods for isotonicity adjustment. | 06 |
| | (b) What is Displacement Value? Explain and Proof spirit with illustrations. | 05 |
| | (c) Give the domestic measures with equivalent imperial and metric system measures. | 05 |
| Q.3 | (a) How will you dispense following?
(i) Powders containing eutectic mixtures.
(ii) Powders containing explosive mixtures. | 06 |
| | (b) Write note on dusting powders. | 05 |
| | (c) What will be the average weight of each suppository containing 4 grains of a drug prepared with cocoa butter in standard mold of 1 gm capacity if displacement value of a drug is 1.5? | 05 |
| Q.4 | (a) What are molded dosage forms? Write note on tablet triturates. | 06 |
| | (b) Define emulsion. Describe tests used to determine type of emulsion. | 05 |
| | (c) How much quantity of 80 %, 70 %, 40 % and 30 % ointment should be mixed to obtain 700 gm ointment containing 50 % strength? | 05 |
| Q.5 | (a) Give the labeling requirements for:
eye ointment, lotion, inhalation, draught, liniments, lozenges | 06 |
| | (b) Differentiate between liniments and lotions. | 05 |
| | (c) Write note on eye drops. | 05 |
| Q.6 | (a) What is inventory control? Discuss in detail ABC analysis and EOQ methods. | 06 |
| | (b) Write note on quality control of drug in hospitals. | 05 |
| | (c) Explain purchasing. Explain objectives and principles involve in purchasing. | 05 |
| Q.7 | (a) Write a note on dispensing of proprietary products. | 06 |
| | (b) Explain the maintenance of records of retail and whole sale. | 05 |
| | (c) Discuss in detail design of drug store. | 05 |