

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – III • EXAMINATION – SUMMER • 2014

Subject Code: 2230001

Date: 03-06-2014

Subject Name: Dispensing Pharmacy-I and Drug Store Management

Time: 02:30 pm - 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.**

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|-------------|-----|---|-----------|
| Q.1 | (a) | Classify mixtures with suitable examples. Explain the principle behind mixtures containing potent medicament. | 06 |
| | (b) | Define & classify emulsions. What is primary emulsion? | 05 |
| | (c) | Define the terms: Tablet triturates, Lozenges, Lotion, Liniment & Gargles. | 05 |
| Q.2 | (a) | Enlist the Techniques of Inventory Control. Explain ABC & EOQ. | 06 |
| | (b) | Explain in detail the steps involved in purchase procedure. | 05 |
| | (c) | What are the key aspects for procurement of drugs: Explain in detail. | 05 |
| Q.3 | (a) | Draw neat diagrams for the layout of Retail & Whole Sale Drug Store Design. Enlist & explain factors affecting selection of site for a drug store. | 06 |
| | (b) | Write a short note on dispensing of proprietary products. | 05 |
| | (c) | Briefly explain organization & structure of retail & whole sale drug store. | 05 |
| Q.4 | (a) | Define the term R_x . Enlist & explain the parts of R_x . | 06 |
| | (b) | Enlist & explain the sources of Errors in R_x . | 05 |
| | (c) | Explain in detail the procedure for handling the R_x for compounding & packaging. | 05 |
| Q.5 | (a) | Enlist & explain in detail the cautionary & advisory labels used for dispensing medicines safely & effectively. | 06 |
| | (b) | Enlist & explain the sources of information which may be required while dispensing of the R_x . | 05 |
| | (c) | Enlist & explain the parts of labelling for dispensed medicines. | 05 |
| Q. 6 | (a) | Define Posology. Enlist & explain the factors affecting Dose. | 06 |
| | (b) | Write neatly & clearly the Equations for the doses proportionate to age, body weight & surface area. | 05 |
| | (c) | Give the meaning of the following terms in English.
a)Gargarisma b)Liquor c)Mistura d)Collutoria e)Guttur pigmentum
f)Cibos g)Miscendus h)Sumendus i)Nocte j)Sextis horis | 05 |
| Q.7 | (a) | Define & classify solutions with suitable examples. Explain in detail the principle involved in Iodine Tincture. | 06 |
| | (b) | Explain the principle involved in the preparation of Strong Ammonium Acetate Solution I. P. & Lime Water. | 05 |
| | (c) | Differentiate Lotion & Liniment with suitable examples. | 05 |
