

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – III • EXAMINATION – WINTER 2013

Subject Code: 2230001**Date: 10-12-2013****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) Discuss phenomena associated with emulsion stability. | 06 |
| | (b) Explain in detail HLB scale. | 05 |
| | (c) Explain different methods of emulsion preparation. | 05 |
| Q.2 | (a) Classify Liquid dosage forms. Explain in detail Enemas. | 06 |
| | (b) Classify mixtures and discuss diffusible mixtures. | 05 |
| | (c) Define: Draughts, Liniment, Collodion, Elixirs, Lotions. | 05 |
| Q.3 | (a) Define Prescription. Explain prescription procedure in detail. | 06 |
| | (b) Define Posology. Explain factors affecting dose in detail. | 05 |
| | (c) Classify Solid dosage forms. Explain tablet triturates in detail. | 05 |
| Q.4 | (a) Define and classify Powders. Explain Effervescent Powders in detail. | 06 |
| | (b) Explain in detail Displacement value in moulded solid dosage forms. | 05 |
| | (c) Explain in detail sources of errors in prescription. | 05 |
| Q.5 | (a) Comment on following prescription | 06 |
| | Liquoris calciferolis-----M ii | |
| | Glycerin-----M v | |
| | Aquam add to -----3 i. | |
| | Fiat Emulsio. Signa-More dicto danda. Mittae 1 fl.oz | |
| | (b) Explain Lozenges, Pastilles, Contact lens solution. | 05 |
| | (c) Explain proof spirits, proof strengths, proof gallon. | 05 |
| Q. 6 | (a) Explain in detail Organization of drug store. | 06 |
| | (b) Explain purchase and inventory control principles. | 05 |
| | (c) Explain quality control of drugs in hospitals. | 05 |
| Q.7 | (a) Explain organization and structure of retail and whole sale drug store. | 06 |
| | (b) Explain dispensing of proprietary products. | 05 |
| | (c) Explain maintenance of records of retail and whole sale drug store. | 05 |
