

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – IV • EXAMINATION – WINTER • 2016

Subject Code: 240001

Date: 20-10-2016

Subject Name: Dispensing Pharmacy – I

Time: 10:30 am - 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) | Discuss scope of pharmacy and explain any one in detail. | 06 |
| | (b) | Define prescription and discuss the various parts of prescription. | 05 |
| | (c) | Write a note on household measures. | 05 |
| Q.2 | (a) | Briefly write on dispensing procedure. | 06 |
| | (b) | Explain sources of information for the pharmacist for dispensing. | 05 |
| | (c) | Write a note on storage and stability of medicine. | 05 |
| Q.3 | (a) | Comment on the following.
1. 'Shake well before use' is a labeling requirement for biphasic liquid formulations.
2. Syrup IP is self-preservative.
3. Cold cream is o/w type emulsion. | 06 |
| | (b) | Discuss various types of powders. | 05 |
| | (c) | Describe possible source of errors during compounding in prescription. | 05 |
| Q.4 | (a) | Define Posology. Discuss in brief the factors which influence Dose. | 06 |
| | (b) | Write the various formulas for calculating the child dose. | 05 |
| | (c) | Translate the following terms into English:
Ungentum, Ante meridiem, Per os, Hora somni, Guttae | 05 |
| Q.5 | (a) | Write a note on oral unit dosage forms. | 06 |
| | (b) | Explain in brief:
Proof spirit, Emulsion, Cachets, Draught, Insufflation. | 05 |
| | (c) | Write a note on flavors and colors as organoleptic additives. | 05 |
| Q. 6 | (a) | Differentiate Flocculated suspension and Deflocculated suspension. | 06 |
| | (b) | Lotion and liniments. | 05 |
| | (c) | Diffusible and indiffusible mixtures. | 05 |
| Q.7 | (a) | Describe a method to determine displacement values of a drug for moulded dosage form. | 06 |
| | (b) | Write a note on inhalation. | 05 |
| | (c) | Give all the labeling requirement of the following dosage form.
Liniment, Enema, Effervescent antacid granules, Lozenges, Suspension, | 05 |
