

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – IV (OLD Syllabus) • EXAMINATION – SUMMER • 2015

Subject Code: 240001

Date: 02-06-2015

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) | Define prescription. Explain in brief various parts of prescription. | 06 |
| | (b) | Give the labeling requirements of the following dispensed products.
Draughts, Emulsions, Effervescent granules, Lozenges, Cachets. . | 05 |
| | (c) | Role of pharmacist in patient counseling. | 05 |
| Q.2 | (a) | Define Posology. Discuss in brief the factors which influence Dose. | 06 |
| | (b) | Give the formulas to calculate the dose for child. | 05 |
| | (c) | Write a short note on: liquid mixtures. | 05 |
| Q.3 | (a) | Describe the dry gum and wet gum methods for emulsification. | 06 |
| | (b) | Write a note on Emulgents. | 05 |
| | (c) | Define: Proof spirit, emulsion, Cachets, Draught, Insufflation | 05 |
| Q.4 | (a) | Write a short note on percentage solution | 06 |
| | (b) | Enumerate the oral unit dosage form. Write a note on tablet triturate. | 05 |
| | (c) | Write a note on effervescent Powders. | 05 |
| Q.5 | (a) | Comment on the following.
i. Syrup IP is self-preservative.
ii. Liniments are applied with friction.
iii. Shake well before use' is a labeling requirement for biphasic liquid formulations | 06 |
| | (b) | Describe a method to determine displacement values of a drug for moulded dosage form . | 05 |
| | (c) | Write a short note on proof spirit and proof strength | 05 |
| Q. 6 | (a) | Classify the powders. List the properties of dusting powder. | 06 |
| | (b) | Define: Enema, Inhalation, Elixirs, Insufflations, Cream | 05 |
| | (c) | Give advantages and disadvantages of mixtures. | 05 |
| Q.7 | (a) | Differentiate between the following
i. Flocculated suspension and Deflocculated suspension
ii. Liniment and Lotion
iii. Syrup IP and Syrup USP | 06 |
| | (b) | Write a note on Inhalations. | 05 |
| | (c) | Differentiate between syrup and elixir. | 05 |
