

GUJARAT TECHNOLOGICAL UNIVERSITY**B.Pharm – SEMESTER-IV – EXAMINATION – SUMMER-2016****Subject Code: 240001****Date: 23/05/2016****Subject Name: Dispensing Pharmacy - I****Time: 10:30 AM to 1:30 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) Enumerate scope of pharmacy and discuss any one in detail. | 06 |
| | (b) Discuss different parts of prescription. | 05 |
| | (c) Describe the general procedure for handling of prescription. | 05 |
| Q.2 | (a) Give labeling requirements for following dosage forms.
i) Emulsion ii) Liniment iii) Enema iv) Lozenges. | 06 |
| | (b) Discuss packaging of dispensed products. | 05 |
| | (c) Supply 8 OZ of 4 % solution and label the direction for preparing a 1 quart of 1 in 2000 solution. | 05 |
| Q.3 | (a) Discuss factors affecting the fixation of dose of drug. | 06 |
| | (b) Adult dose of drug is 150 mg. Calculate the dose for 6 years old child using Young's and Dilling's formula. | 05 |
| | (c) Discuss storage of dispensed products. | 05 |
| Q.4 | (a) How much amount of 90 %, 60%, 30 % V/V and water will be required to prepare 720 litres of 40 % V/V alcohol? | 06 |
| | (b) Differentiate between diffusible and indiffusible mixtures. | 05 |
| | (c) Write advantages and disadvantages of mixtures. | 05 |
| Q.5 | (a) Dispense the following prescription.
Create prepareate -----grXXX
Tincture catechu-----m XX
Aquam Cinnamoni-----OZi
Fiat mistura. Signa; secundis horis sumenda. Mitte doses sex. | 06 |
| | (b) Write a short note on syrup. | 05 |
| | (c) Convert 90 % V/V and 40 % V/V alcohol into proof strength. | 05 |
| Q.6 | (a) Describe identification tests to identify types of emulsion. | 06 |
| | (b) Write short note on emulgents. | 05 |
| | (c) What is cracking of an emulsion? Discuss factors causing cracking of an emulsion. | 05 |
| Q.7 | (a) Write short note on dusting powder. | 06 |
| | (b) Write short note on effervescent granules. | 05 |
| | (c) Write short note on inhalation. | 05 |
