

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – IV • EXAMINATION – WINTER • 2015

Subject Code: 240001

Date: 29-12-2015

Subject Name: Dispensing Pharmacy – I

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.

- Q.1** (a) What is Dispensing pharmacy? Write scopes of it. **06**
(b) Define Prescription. Explain in brief various parts of typical prescription. **05**
(c) Discuss the general procedure for the handling of prescription. **05**
- Q.2** (a) Write the hazards encountered by the packaging materials. **06**
(b) Give labeling requirements of the following dosage forms. **05**
1. Liniment 2. Lozenges 3. Linctuses 4. Enema 5. Inhalations
(c) Convert: 1 gallon in ml, 1 scruple in to Grains, 1 LB in to grains, 10 fl oz in to ml. **05**
- Q.3** (a) What is Posology? Write various methods for dose calculations. **06**
(b) Describe factors affecting Dose. **05**
(c) Write short note on Emulsion. **05**
- Q.4** (a) Convert 90 %v/v & 40 % v/v Alcohol in to proof strength. **06**
(b) Calculate the amount of NaCl required to make 200 ml of 1% procaine HCl solution isotonic with blood plasma. F.P. of 1% procaine HCl, 1% NaCl & Blood Plasma is -0.122°C, -0.58°C & -0.52°C Respectively. **05**
(c) A Pharmacist has a 70% solution & 15% solution of a drug. How many ml of each solution should be mix to make 480 ml of 30% solution? **05**
- Q.5** (a) Classify powders. Briefly explain steps involved in its preparation. **06**
(b) Enumerate the oral Unit Dosage forms. Write short note on tablet triturates. **05**
(c) Write short note on Inhalations. **05**
- Q. 6** (a) Differentiate: Diffusible and Indiffusible Mixtures **06**
(b) Differentiate: Lotion and Liniments **05**
(c) Differentiate: Linctuses and Elixirs **05**
- Q.7** (a) Define Suppository. Discuss displacement value **06**
(b) Write brief note on effervescent granules. **05**
(c) Comment: **05**
Rx
Liquorise calciferolisM ii
Glycerini.....M v
Aquam.....3 i
Fiat: Emulsio, Mitte: 2 fl. oz
