

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm. – SEMESTER – III • EXAMINATION – SUMMER 2017

Subject Code: 2230001

Date: 29/05/2017

Subject Name: Dispensing Pharmacy I and Drug Store Management

Time: 02:30 PM to 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) Define prescription. Enlist & explain the various parts of prescription. | 06 |
| | (b) Define dispensing pharmacy. Write note on its scope of pharmacy in India. | 05 |
| | (c) Discuss general procedure of prescription handling. | 05 |
| Q.2 | (a) Discuss the various sources of error while dispensing a prescription and rectified the error. | 06 |
| | (b) Enumerate & discuss the sources of information which may be required while dispensing of the prescription. | 05 |
| | (c) Define syrup. Comment: Syrup is self preservative. | 05 |
| Q.3 | (a) Differentiate between
1) Mixture and Draughts
2) Syrup and Elixirs | 06 |
| | (b) Classify solutions. Advantage & disadvantage of solutions. | 05 |
| | (c) What are mixtures? Classify different types of mixtures. Write in detail any two mixtures. | 05 |
| Q.4 | (a) Define posology. Write note on factors affecting dose calculation. | 06 |
| | (b) Write a note on stability problems of emulsion. | 05 |
| | (c) Enumerate oral unit dosage forms. Write in detail on any one specific unit dosage form. | 05 |
| Q.5 | (a) What is Displacement value? Discuss in detail with suitable example. | 06 |
| | (b) How much of ml of 10 % solution should be added to 50 ml 80 % solution to make 30 % solution? | 05 |
| | (c) Calculate the amount of Boric acid required to make 1 % Cocaine Hydrochloride solution, isotonic with lacremal secretion. Freezing point due to 1 % Cocaine Hydrochloride is -0.090 °C & freezing point due to 1 % Boric acid is -0.29 °C. | 05 |
| Q. 6 | (a) Enumerate inventory control techniques. Write in detail EOQ technique of inventory control. | 06 |
| | (b) Explain quality control of drugs in hospitals. | 05 |
| | (c) Write a note on organization of drug store. With layout. | 05 |
| Q.7 | (a) Describe records maintaining in retail and whole sale drug store. | 06 |
| | (b) Differentiate between the Wholesalers and Retailers | 05 |
| | (c) Describe the steps involved in purchasing procedure of drugs. | 05 |
