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

Subject Code: 2230001Date: 29/05/2017Subject Name: Dispensing Pharmacy I and Drug Store ManagementTime: 02:30 PM to 05:30 PMTotal 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) (b) (c)	Define prescription. Enlist & explain the various parts of prescription. Define dispensing pharmacy. Write note on its scope of pharmacy in India. Discuss general procedure of prescription handling.	06 05 05
Q.2	(a) (b)	Discuss the various sources of error while dispensing a prescription and rectified the error. Enumerate & discuss the sources of information which may be required while dispensing of the prescription.	06 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) (c)	Classify solutions. Advantage & disadvantage of solutions. What are mixtures? Classify different types of mixtures. Write in detail any two mixtures.	05 05
Q.4	(a) (b) (c)	Define posology. Write note on factors affecting dose calculation. Write a note on stability problems of emulsion. Enumerate oral unit dosage forms. Write in detail on any one specific unit dosage form.	06 05 05
Q.5	(a) (b) (c)	What is Displacement value? Discuss in detail with suitable example. How much of ml of 10 % solution should be added to 50 ml 80 % solution to make 30 % solution? 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.	06 05 05
Q. 6	(a)	Enumerate inventory control techniques. Write in detail EOQ technique of inventory control.	06
	(b) (c)	Explain quality control of drugs in hospitals. Write a note on organization of drug store. With layout.	05 05
Q.7	(a) (b) (c)	Describe records maintaining in retail and whole sale drug store. Differentiate between the Wholesalers and Retailers Describe the steps involved in purchasing procedure of drugs.	06 05 05