## **GUJARAT TECHNOLOGICAL UNIVERSITY** B.Ph. / M. Ph. / D.Ph. - SEMESTER-II • EXAMINATION – WINTER-2016

Subject Code: 420006Date: 27/10/2016Subject Name: HOSPITAL AND CLINICAL PHARMACYTime:02:30 PM TO 05:30 PMInstructions:1. Attempt any five questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1	(a)	What is Hospital? Explain organization of a hospital.	06
	(b)	Discuss types of hospital on different criteria	05
	(c)	Write functions of hospital pharmacist.	05
Q.2	(a)	Discuss floor stock drug distribution system	06
	(b)	Describe central sterile department with its layout.	05
	(c)	Write a note on OPD pharmacy.	05
Q.3	(a) (b) (c)	What is Aseptic area? Explain in brief different ways to control contamination in aseptic area. What is Infusion? Discuss parenteral product manufacturing with its layout Define hospital formulary. Write guidelines for preparation of hospital formulary.	06 05 05
Q.4	(a) (b) (c)	Differentiate the term Patient counselling and Patient compliance. Write different points of patient counselling on Non-steroidal anti-inflammatory drugs. Write objectives of Pharmacy and Therapeutic Committee. Discuss role of PTC in Adverse drug reaction monitoring.	06 05 05
Q.5	(a)	Explain pathophysiology and manifestation of CCF and Diabetes Mellitus	06
	(b)	Describe different types of non-compliance.	05
	(c)	Define the term ADR and discuss different types of ADR.	05
Q. 6	(a)	Discuss pharmaceutical factors affecting bioavailability.	06
	(b)	Write in brief about pharmaceutical factors affecting ADRs.	05
	(c)	Explain drug-food interactions with different examples.	05
Q.7	(a) (b) (c)	What are teratogenicity and Iatrogenic diseases? Write a note on them Explain with examples "drug interactions during metabolism". Write a note on drug dependence of morphine	06 05 05

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