

GUJARAT TECHNOLOGICAL UNIVERSITY
Diploma Pharmacy - 2nd Year Examination – OCTOBER 2012

Subject code: 420006**Date: 07-11-2012****Subject Name: Hospital and Clinical Pharmacy****Time: 2:30 pm – 5:30 pm****Total Marks: 80****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1	(a)	Define Hospital. Classify it. Explain function of hospital in health care system	06
	(b)	Explain function and objectives of hospital pharmaceutical system.	05
	(c)	Describe requirements and abilities for hospital pharmacist.	05
Q.2	(a)	Explain drug distribution system in hospital pharmacy for outdoor patients.	06
	(b)	Describe at length unit dose drug distribution system.	05
	(c)	Give application of computer in maintenance of patient record.	05
Q.3	(a)	Discuss economical consideration for manufacturing facility of pharmaceutical for hospital.	06
	(b)	Write a note on testing of pharmaceutical raw material.	05
	(c)	Enumerate surgical and hospital equipments. Give brief about CT Scan.	05
Q.4	(a)	What is hospital formulary system? Give its function and composition.	06
	(b)	Role of drug information services in health care system.	05
	(c)	Explain pharmacopoeial standards for any two surgical/hospital supplies.	05
Q.5	(a)	What is clinical pharmacy? Write a note on scope of clinical pharmacy.	06
	(b)	How pharmacist can be useful to establish modern dispensing system?	05
	(c)	Explain patient counseling.	05
Q. 6	(a)	Explain symptoms and pathophysiology for tuberculosis.	06
	(b)	Write a note on hypertension.	05
	(c)	Give diagnostic test for renal disorder.	05
Q.7	(a)	Give brief about mechanism of drug interaction.	06
	(b)	Write symptoms for insecticides poisoning. Give its treatment.	05
	(c)	Explain adverse drug reaction.	05
