Seat No.: Enr	olment No.
---------------	------------

GUJARAT TECHNOLOGICAL UNIVERSITY D.Ph. -II- • EXAMINATION – SUMMER-2017

Subject Code:420006 **Date:**08/05/2017

Subject Name: Hospital & Clinical Pharmacy

Time: 02:30PM TO 5:30PM 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)	Write a note on pathophysiology of following diseases (Any Two): a) Diabetes b) Tuberculosis c) Hypertension	06
	(b)	Define bioavailability. Write a note on factors affecting bioavailability.	05
	(c)	Define patient compliance. Write consequences and factors of non compliance.	05
Q.2	(a)	Write symptoms and treatment of following poisoning: a) Organophosphorus compound b) Barbiturate poisoning.	06
	(b) (c)	Describe role of pharmacist in clinical pharmacy. What is drug dependence? Write in brief about types of drug dependence.	05 05
Q.3	(a)	Give normal physiological values and significance of following: a) B.P b) E.S.R c) Blood Cholesterol d) Blood Sugar e) RBC f) WBC	06
	(b) (c)	Define and classify drug interaction. Write a note on drug-food interaction. Write a note on causes and methods of detecting adverse drug reaction.	05 05
Q.4	(a) (b) (c)	Describe various mechanism of drug interation. How do you evaluate parenteral product? Explain the application of computer in hospital.	06 05 05
Q.5	(a)	Define hospital. Write its functions and classify it.	06
	(b)	Write factors affecting economy of a hospital and factors affecting economic consideration.	05
	(c)	Write note on health care delivery system in India.	05
Q. 6	(a)	Describe the responsibilities of Hospital Pharmacist for: a) Inpatient Pharmacy Department b) Outpatient Pharmacy Department.	06
	(b)	Write principles for admission or deletion of drug in hospital formulary.	05
	(c)	Explain the different sources of drug information. What are the abilities required of drug information specialists?	05
Q.7	(a)	Explain various methods of drug distribution.	06
	(b)	What is PTC? Write composition and function of PTC.	05
	(c)	Give ideal properties of surgical dressing. Classify bandage with examples.	05
