Seat No.: Enrolment No.	
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GUJARAT TECHNOLOGICAL UNIVERSITY DIPLOMA PHARMACY. - SEMESTER- II • EXAMINATION – SUMMER-2017

Subject Code: 420003 Date:01/05/2017

Subject Name: Pharmacology and Toxicology

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)	Define the pharmacokinetic and Describe the factors affecting absorption of drugs.	06
	(b)	Define the following terms. Chemotherapy, Prodrug, Drug receptor, Pharmacodynamics, Toxicology	05
	(c)	Write a note on plasma protein binding of drug.	05
Q.2	(a) (b) (c)	Classify sympathomimetics and write the therapeutic uses of adrenaline. Write the pharmacological actions and therapeutic uses of Atropine. Write a short note on Angiotensine Converting Enzyme inhibitors.	06 05 05
Q.3	(a) (b) (c)	Write the detailed classification of antihypertensive drugs. Write the mechanism of action and pharmacological actions of digitalis. Write a short note on D-tubocurarine.	06 05 05
Q.4	(a) (b) (c)	Write a short note on broad spectrum penicillins. Write pharmacological actions of insulin. Write a short note on anti cancer alkylating agents.	06 05 05
Q.5	(a)	Write a pharmacological actions, therapeutic uses and toxicity of morphine.	06
	(b) (c)	Write the Classification Anti malarial drugs. Write the examples and pharmacological actions of anti histamines.	05 05
Q. 6	(a) (b) (c)	Write the classification and mechanism of action of cephalosporines. write a short note on Phenytoin. Classify anti TB drugs and write mechanism of action of streptomycin.	06 05 05
Q.7	(a) (b) (c)	Write the examples of antacids and short note on proton pump inhibitors. Describe the adverse effects of tetracycline & Chloramphenicol. Write a short note on quinine.	06 05 05
