Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY DIPLOMA PHARMACY PART-II EXAMINATION – SUMMER 2017

Subject Name: Pharmaceutical Chemistry-II			Date:29/04/2017	
			Total Marks: 80	
Q.1	(a) (b) (c)	Draw the structure and give method of numbering of follo i) Aziridine ii) Indole iii) Piperazine iv) Pyridine v) Fu Define and classify Antihistaminic drugs with suitable ex. Write a note on Analeptic drugs.	ran vi) Quinoline	06 05 05
Q.2	(a) (b) (c)	Define Hypoglycemic agents. Write a note on Insulin. Describe life cycle of Plasmodium. Define and classify Hypnotics and Sedatives with suitable examples.		06 05 05
Q.3	(a) (b) (c)	 What are antibiotics? Discuss SAR of Penicillin. Define Vitamins. Give an account on fat soluble vitamins. Explain following terms: Hyperthyroidism ii) Anticoagulants iii) Tranquilizers iv) Antipyretics Antidepressants 		06 05 05
Q.4	(a) (b) (c)	Give structure and chemical name of following compound i) Isoniazid ii) Metronidazole iii) Paracetamol Write a short note on Local Anaesthetics. Write chemical classification of Diuretics with suitable ex one compound in detail.	ii) Metronidazole iii) Paracetamol ort note on Local Anaesthetics. nical classification of Diuretics with suitable examples. Discuss any	
Q.5	(a) (b) (c)	Define Analgesics. Write a short note on narcotic analges Define and classify Antiseptics and Disinfectants with sui Explain Antifungal agents in detail.	e and classify Antiseptics and Disinfectants with suitable examples.	
Q. 6	(a) (b) (c)	Write a brief account on Sulphonamides. Classify Cholinergic agents. Write a note on Anticholinesterases. Give the category of following drugs:) Progesterone ii) Dapsone iii) Heparin iv) Methotrexate v) Evans blue		06 05 05
Q.7	(a) (b) (c)	What are Anti-inflammatory agents? Write a note on Non Steroidal Anti- inflammatory drugs with suitable examples. Classify Cardiovascular drugs. give a brief account on Antihypertensive agents. Define adrenergic drugs. Classify them with suitable examples. Give structure and chemical name of Adrenaline.		06 05 05
