Seat No.:	Enrolment No.
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## GUJARAT TECHNOLOGICAL UNIVERSITY

Subject Code: 420002

B.Ph. / M. Ph. / D.Ph. - SEMESTER-II • EXAMINATION - WINTER-2016

Date: 21/10/2016

T	ime struc 1. 2.	ect Name: Pharmaceutical Chemistry II 202:30 PM TO 05:30 PM Total Marks: 80 etions: Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Give the structural formula for following functional groups 1. Carbamoyl 3. Diethylamino 5. Acetoxy 2. iso-propyl 4. Benzyl 6. Mercapto	06
	<b>(b)</b>	What is the difference between Antiseptic and Disinfectant? Give its classification with examples.	05
	<b>(c)</b>	Write a note on Cotrimoxazole.	05
Q.2	(a) (b) (c)	What is NIDDM? Classify Hypoglycaemics and give storage condition of Insulin. Explain the term Coagulants and write note on Anti coagulants. What is Anticholinesterases? Write a note on Adrenergic drug.	
Q.3	(a) (b) (c)	What is the difference between Sedatives and Hypnotics? Give its classification with examples.  Define the term Anaesthetics and give its classification.  Classify Tranquillizers and give chemistry of Diazepam.	06 05 05
Q.4	(a) (b) (c)	What is Antiprotozoal agents? Write a note on Antineoplastic drugs. Define and classify Antibiotics with examples. Short note on $\beta$ -Lactum antibiotics.	06 05 05
Q.5	(a) (b) (c)	Give classification of Cardio Vascular drugs with examples.  Explain terms  1. Cardiotonics	06 05 05
Q. 6	(a) (b)	Give structure and use of  1. Metronidazole 2. Chloroquine 3. DEC  Give classification of Diuretics with examples.	06
	(c)	Comment: Tetracyclines are contraindicated in pregnancy. Explain the term Anthelmintics.	05
Q.7	(a) (b) (c)	Write short note on Antimycobacterial agents. Write structure of Dapsone.  Define Analeptics, Neuroleptics and Thymoleptics. Give chemistry of Imipramine.  Give uses of 1. Phenytoin 2. Caffeine 3. Clofibrate 4. Chlorpheniramine 5. Ibuprofen	06 05 05

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