Seat No.:	Enrolment No.
Scat No	Linding it ind.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

B. Pharm. – SEMESTER – VII • EXAMINATION – SUMMER • 2015

Subj	ject (	Code: 270006 Date: 16-05-2015	
	•	Name: Pharmacology - III 2:30 pm - 05:30 pm Total Marks: 80	
Instr		<u> </u>	
	2.	Attempt any five questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a)	Define chemotherapy and explain different mechanisms of chemotherapeutic agents.	06
	<b>(b)</b>	antithyroid drugs.	05
	(c)	Classify antineoplastic drugs.	05
Q.2	(a)	•	06
	<b>(b)</b>	• •	05
	(c)	Explain structure, pharmacological actions and enlist different preparations of insulin.	05
Q.3	(a)	Write a short note on mechanism, side effects, therapeutic effects and anti bacterial spectrum of streptomycin.	06
	<b>(b)</b>	<u> </u>	05
	(c)	Comment on followings (1) All antibiotics are chemotherapeutic agents. (2) Combination of Sulfadiazine and trimethoprim is known as Co-trimoxazole.	05
Q.4	(a)		06
	<b>(b)</b>	Explain molecular mechanism of action, side effects, therapeutic effect and antibacterial spectrum of penicillins.	05
	(c)	•	05
Q.5	(a)	Differentiate between tetracycline and cholramphenicol.	06
	<b>(b)</b>		05
	(c)	Classify male and female sex hormones and explain about estrogens.	05
Q. 6	(a)		06
	<b>(b)</b>		05
	(c)	Write a short note on antifungal drugs.	05
<b>Q.7</b>	(a)	, ,	06
	(b)		05
	(c)	Define terms: super infection, malignant tumor, gray baby syndrome, synergism and ototoxicity.	05

\*\*\*\*\*\*