Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. - SEMESTER - IV • EXAMINATION - SUMMER • 2015

Sub	ject	Code: 2240003 Date: 08-06-2015	
Subject Name: Pharmaceutical Chemistry – V (Biochemistry – II) Time: 10:30 am - 01:30 pm Total Marks: 80 Instructions:			
	2.	Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b) (c)	Discuss transamination of aminoacids.	06 05 05
Q.2	(a) (b) (c)	Discuss the Watson and Crick model of DNA structure.	06 05 05
Q.3	(a) (b) (c)	Why replication is termed as semiconservative, semi-discontinuous and bidirectional?	06 05 05
Q.4	(a) (b) (c)	Discuss Genetic code with its characteristics.	06 05 05
Q.5	(a) (b) (c)	Give detail account on operon concept.	06 05 05
Q. 6	(a) (b) (c)	involved in biological oxidation and reduction reactions. Explain ATP-ADP Cycle along with sources and utilization of ATP.	06 05 05
Q.7	(a) (b) (c)	<u>.</u>	06 05 05
