

Seat No.:-----

Enrolment No.:-----

UKA TARSADIA UNIVERSITY

Maliba Pharmacy College

B. Pharm 4th Semester Internal Examination April 2014 (*Mid-Sem*)

030020403- Pharmaceutical Biochemistry

Time: 10:30 a.m. To 12:30 p.m.

Max. Marks: **40**

Date: 09/04/2014

Instructions:

- Attempt any **FIVE** questions.
- Each question carries **08** marks.
- Make suitable assumption whenever necessary.
- Figures to the right indicate full marks.

Q.1	A)	Discuss factors affecting enzyme activity.	04
	B)	Write diagnostic importance of enzymes.	04
Q.2	A)	Give a brief note on electron transport chain.	04
	B)	Write a note on TCA cycle.	04
Q.3	A)	Write a note on Gluconeogenesis.	04
	B)	β – oxidation of fatty acid.	04
Q.4	A)	Write a note on enzymes involved in biological oxidation.	04
	B)	Write a note on importance of water and water balance in human body.	04
Q.5	A)	Describe biosynthesis of heme.	04
	B)	Describe de novo synthesis of purine nucleotide.	04
Q.6	A)	Differentiate CPS I from CPS II	02
	B)	Write Krebs-Henseleit cycle with energetic and integration of it with TCA cycle.	06
Q.7	A)	Write a note on Nitrogen cycle.	05
	B)	Short note: Coenzymes	03