Roll No.					Total No. of Pages : 0

Total No. of Questions: 09

B.Sc.(BT) (2013 to 2017) (Sem.-3)
BIOCHEMISTRY-II
Subject Code: BSBT-209

Subject Code : BSBT-20 M.Code : 47040

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

O1. Define:

- a) Hybrid Enzymes
- b) Km
- c) Ketone Bodies
- d) Energy rich Metabolites
- e) Coenzymes
- f) Nitrogen Assimilation
- g) Biogenic amines
- h) Immobilized Enzymes
- i) Electron transport chain
- i) Fatty acids

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SECTION-B

- Q2. List Factors affecting enzyme activity.
- Q3. Write a note on Multienzyme complexes.
- Q4. What is Electron Transport Chain? Discuss its significance.
- Q5. Explain amphibolic nature of Kreb's Cycle.
- Q6. Write a note on Regulation of ATP synthesis.

SECTION-C

- Q7. Discuss Steps in Kreb's Cycle and its regulation.
- Q8. Write about steps in Degradation of fatty acids.
- Q9. Elaborate on mechanism of Reduction and assimilation of Atmospheric Nitrogen.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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