



P-014-1042005 Seat No. _____

M. P. M. (Sem. II) (CBCS) Examination

July - 2018

BP : 203T - Biochemistry

Faculty Code : 014

Subject Code : 1042005

Time : 3 Hours]

[Total Marks : 75]

1 Answer the following : **10×2=20**

1. What is Deamination ? Explain with example
2. Classify: Carbohydrate with example
3. What is iodine number?
4. Give the example of sulphur containing amino acid.
5. What is transamination ? explain with example.
6. What is Tautomerization?
7. What is coenzyme?
8. Define: Rancidity
9. What is bioenergetics?
10. Explain the structure of DNA.

2 Answer any two the following : **2×10=20**

1. Explain : Urea cycle with disorders.
2. What is enzyme inhibition? Give the type of enzyme inhibition?
3. Short note on TCA Cycle.

3 Answer any seven the following. **7×5=35**

1. Discuss Alkaptonuria and albinism
2. Calculate energetic in glucose metabolism
3. Classify: Jaundice
4. Discuss glycogenesis
5. What is enzyme? Classify the enzyme.
6. Write properties of amino acid and proteins.
7. Explain derivatives of monosaccharides.
8. Explain the factor affecting the enzyme activity.
9. Classify lipids with example.