

**B.Sc. DEGREE EXAMINATION, ODD SEMESTER 2020**  
**II Year III Semester**  
**Nutritional Biochemistry**

**Max.marks :25**

Answer any **FIVE** questions ( $5 \times 5 = 25$ ) Marks

1. Define enzymes. How are enzymes classified? List any two factors influencing enzyme activity.
2. Explain Glycolytic pathway.
3. Write a note on transamination and deamination reactions.
4. Enumerate the steps involved in  $\beta$  oxidation of fatty acids.
5. Describe the Watson and Crick model of DNA.
6. Briefly explain the hormonal regulation of carbohydrate, protein and fat metabolism.
7. Write a brief note on urea cycle.