

2021
ZOOLOGY
Paper: ZOO-HC-3036
(FUNDAMENTALES OF BIOCHEMISTRY)
Full Marks: 20
Time: One hour

Answer **any five** of the following questions.

(5×4=20)

1. Write the classification of carbohydrates and its significance.
2. Write the classification of protein and its significance.
3. What is the K_m value of an enzyme? Derive the Michaelis-Menten equation in steady state.
4. What is the monomer of nucleic acid? Explain the structure of nitrogenous bases.
5. Write the general properties of amino acids.
6. Explain the factors affecting the activity of enzymes with suitable graphs.
