

**DEPARTMENT OF ZOOLOGY
GOVERNMENT P. G. COLLEGE BAZPUR**

**ASSIGNMENT FOR CLASS B.Sc. 1 Sem (NEP)
ANIMAL PHYSIOLOGY AND BIOCHEMISTRY**

**Section A
(Attempt any Three Questions)**

1. Explain the process of digestion of carbohydrates in detail.
2. Explain the process of transport of oxygen in blood.
3. Describe the process of urine formation in mammals.
4. Differentiate between neurogenic and myogenic hearts.
5. Give detail account of mechanism of contraction in muscle fiber.
6. Explain the mechanism of conduction of impulse in a neuron.

**Section B
(Attempt any 2 questions)**

7. Explain the process of glycolysis in detail.
8. Write in detail about lipids their structure and classification.
9. What are Vitamins. Classify vitamin in detail.
10. Explain kinetics of enzyme action.

Important Instructions

- **Submission of handwritten assignment is mandatory for all the students.**
- **Last date of submission is 17.11.2023.**