

Zoology (Hons.) Paper-V

Answer any five questions, selecting at least two from each Group.

Group-A

1. What are Carbohydrates ? Classify them with examples.
2. Describe the mechanism of enzyme action. What is the significance of K_m value ?
3. What are amino acids ? Classify them with examples.
4. Give an account of β -oxidation of fatty acids.

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Group-B

5. Describe the mechanism of blood clotting.
6. Give an account of mechanism of excretion of nitrogenous wastes in mammal.
7. Describe the physiology of muscle contraction.
8. Describe the structure and functions of mammalian adrenal gland.