

Printing Page(s) : 1

Paper Code : DSC-307

Roll No. 

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**B.Sc. (ZBC)-19**  
**3<sup>rd</sup> Year Examination, Calendar Batch 2015**  
**Zoology-V (Biochemistry and Physiology)**

Time : 3 Hours ]

[ Max. Marks : 100

*Note. Attempt any **Five** questions. All questions carry equal marks.*

- Q.1** What is hormone? Explain the functions of thyroxin in metabolism.
- Q.2** Explain the role of vitamin K in blood clotting reaction?
- Q.3** What is blood? Explain the structure of platelets and functions of platelets.
- Q.4** Explain the physiology of Alimentary Canal with diagram?
- Q.5** What is Vitamin? Explain the role of vitamins in metabolic reactions.
- Q.6** What is breathing? Explain the process of gas exchange between lungs and blood.
- Q.7** What are the Amino Acids? Explain the structure and functions of Amino Acid.
- Q.8** What is Carbohydrates? Explain the structure and functions of Carbohydrates.

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