Total No. of Question – (8) Total No. of printed pages-1

**B. Sc Semester- III Examinations (CBCS)**

**ZOOLOGY**

**Course No. UZOTE 301**

*Time Allowed: 3 hours Maximum Marks- 80*

***Note****:*  Attempt any four questions for 400-500 words each. Each question carrying equal marks.

Q1: Describe in detail the morphology of Neuron. (10)

Q2: Explain the rest potential and action potential on a nerve fibre. (10)

Q3: Explain the electrical and biochemical changes in muscle contraction. (10)

Q4: Describe the ultrastructure of a skeletal muscle fibre. (10)

Q5: Discuss the role of different parts of alimentary canal of man in starch digestion. (10)

Q6: Define Pulmonary ventilation. Explain its Mechanism. (10)

Q7: Give Short note on

1. Haldone Effect (5)
2. Spirometry (5)

Q8: Explain the process of urine formation in a nephron. (10)