

**B.Voc. COURSE IN AQUACULTURE**  
**Dr.V.S Krishna Govt., Degree College (A) Visakhapatnam**  
**Semester -V**  
**Title: Animal physiology**

**Time : 3Hrs**

**Man. Marks :75**

**Section – A**

**I Answer any FIVE of the following**

**Draw labelled diagrams wherever necessary**

**5x5=25m**

1. Process of Digestion
2. Digestive glands
3. Types of Respiration
4. Transport of carbon dioxide
5. Kidney stones
6. Nephron
7. Progesterone and Estrogens
8. Adrenal gland

**Section – B**

**II Answer any FIVE of the following**

**Draw labelled diagrams wherever necessary**

**5x10=50m**

9. Explain the process of digestion of carbohydrates ,proteins and lipids.
10. Write an essay on the digestive glands and their functions.
11. Write an essay on the transport of oxygen.
12. Describe the mechanism of respiration.
13. Define excretion .Explain the ultra structure of nephron.
14. Write an essay on the mechanism of urine formation .
15. Explain the structure and functional significance of pituitary gland .
16. Write the significant role of hormones in human reproducts