

B.Sc. ZOOLOGY FIFTH SEMESTER SESSIONAL EXAMINATION, 2023

APPLIED ZOOLOGY

PAPER CODE: ZOO-RC-5016

Full marks: 30

Time: One hour

1. Write short notes on (**any two**): 2.5×2=5
- a. Parasitism
 - b. Reservoir
 - c. Zoonosis
 - d. Processing of poultry eggs.
2. Distinguish between (**any two**): 2.5x2=5
- a. Definitive host and Intermediate host
 - b. Symbiosis and Commensalism
 - c. Exotic fish and Indigenous fish
3. Answer **any two** of the following questions: 10x2=20
- a. Describe the life history of *Wuchereria bancrofti* . Write about its pathogenicity and preventive measures in brief. 6+2+2=10
 - b. Name the causative agent and vector of the disease “African Sleeping Sickness”. Describe the life history of the pathogen and write about its pathogenicity. 1+1+6+2=10
 - c. What is induced breeding? Describe the process of induced breeding technique in Indian Major Carps. 2+8=10
 - d. Mention the properties of poultry breeding. Discuss in detail the management of brooders with special reference to health and sanitation. 3+7=10