

## Bachelor of Science (B.Sc.) Semester—V (C.B.S.) Examination

## ZOOLOGY

## (Aquaculture and Economic Entomology)

## Paper—2

Time : Three Hours]

[Maximum Marks : 50

- N.B. :—** (1) All questions are compulsory.  
 (2) All questions carry equal marks.  
 (3) Illustrate your answers with suitable diagrams.

1. Describe in detail Prestocking Management of Nursery Ponds. 10

OR

Write short notes on :

- (A) Induced breeding by hypophysation 5  
 (B) Paddy cum fish culture. 5

2. Give an account on culture of giant freshwater prawn *Macrobrachium Rosenbergii*. 10

OR

Write notes on :

- (A) Protozoan and helminthes diseases of fish 5  
 (B) Breeding of Live bearers. 5

3. Give an account of biological control of insect pests. Add a note on its merits and demerits. 10

OR

Write notes on :

- (A) Diseases caused by housefly 5  
 (B) Pyrethroid insecticides. 5

4. Give an account of Life cycle of honey bee. Add a note on economic importance of honey. 10

OR

Write short notes on :

- (A) Rearing of mulberry silkworm.  
 (B) Economic importance of Lac. 10

5. Write 4 or 5 lines on the following (any TEN) :

- (i) Isin-glass  
 (ii) Dry bundh  
 (iii) Ovaprim  
 (iv) Nucleus implantation  
 (v) Aquarium maintenance  
 (vi) Gyrodactylosis  
 (vii) Systemic position of *Earias vitella*  
 (viii) Damage caused by stablefly  
 (ix) Rice Weevil  
 (x) Reeling of cocoon  
 (xi) Host plants of *Antherarea mylitta*  
 (xii) Ranjeeni crop. 10