

**Fifth Semester B. Sc. Examination****ZOOLOGY****Paper - II****(Aquaculture and Economic Entomology)**

Time : Three Hours] [Max. Marks : 50

N. B. : (1) All questions are compulsory.
(2) All questions carry equal marks.
(3) Draw well labelled diagrams wherever necessary.

1. Give a detailed account of products and byproducts of fish industry. 10

OR

Write notes on :—

(A) Use of hormones in induced breeding. 5
(B) Construction of fish farm. 5

2. Describe in detail the process of prawn culture. 10

OR

Write notes on :—

(A) Fabrication of Aquarium. 5
(B) Helminthes and fish diseases. 5

3. Describe the life history, damage caused and control of the cotton boll worm, *Earias vitella*. 10

**OR**

Write notes on :—

(A) HCN. 5

(B) Life cycle of Stable Fly. 5

4. Describe the life cycle and process of rearing of **Bombyx mori**. 10

OR

Write notes on :—

(A) Cocoon processing for Silk Fibre. 5

(B) Life cycle of Lac insect. 5

5. Write 4 or 5 lines (any Ten) :—

- Nursery pond. 10
- Wet bundh.
- Salting.
- Nacre formation.
- Live foods.
- Mouth brooders.
- Pyrethrum.
- Merits of biological control.
- Adult **sitophilus**.
- Queen bee.
- Male lac insect.
- Winding and doubling. 1x10=10