

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) Illustrate your answers with suitable diagrams.

1. Describe the process of fish breeding by Chinese circular hatcheries. 10

OR

Write short notes on :—

(A) Site selection for fish farm. 5
 (B) Fish products. 5

2. Give an account on breeding of aquarium fishes in detail. 10

OR

Write short notes on :—

(A) Fish diseases caused by Fungi. 5
 (B) Maintenance of aquarium. 5

3. Describe the mode of action, merits and demerits of pyrethroids and carbomates. 10

OR

Write short notes on :—

(A) Biological pest control agents. 5
 (B) **Stomoxys oryzac.** 5

4. Give an account of culture of Lac. 10

OR

Write short notes on :—

(A) Life cycle and rearing of Tasar Silkworm. 5
 (B) Types of life cycle of honeybee. 5

5. Write **four** or **five** lines on the following (Any Ten) :—

(i) Stocking pond. 1
 (ii) Polyculture. 1
 (iii) Fish glue 1
 (iv) Kissing gaurami 1
 (v) Costiasis 1
 (vi) Aerator 1
 (vii) **Earias vitella** adult 1
 (viii) Damage caused by **Musca** 1
 (ix) Control of **Stomoxys** 1
 (x) Worker bee 1
 (xi) Royal jelly 1
 (xii) Silk fibre 1