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NTK/KW/15-5892

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

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Contd.



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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) :—

(i) Nursery pond.

(ii) Wet bundh.

(iii) Salting.

(iv) Nacre formation.

(v) Live foods.

(vi) Mouth brooders.

(vii) Pyrethrum.

(viii) Merits of biological control.

(ix) Adult **sitophilus**.

(x) Queen bee.

(xi) Male lac insect.

(xii) Winding and doubling.

1x10=10