

Roll No.

(05/16-I)

5266

B. Sc. EXAMINATION

(Sixth Semester)

**ZOOLOGY : AQUACULTURE & PEST
MANAGEMENT—I**

First Paper

Time : Three Hours

Maximum Marks : 40

Note : Attempt *Five* questions in all. Q. No. 1 is compulsory. Answer to each part of Q. No. 1 should not exceed 20 words. Attempt *two* questions from each Section. Draw well labelled diagram wherever necessary.

1. (a) Define culture fishery
- (b) What is a pond ?
- (c) Name two species of lobster of Indian fishery

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P.T.O.

- (d) What is a trawl ?
- (e) What is seine ?
- (f) Write Zoological name of vegetable nute
- (g) How pink bollworm can be controlled ?
- (h) Write habits of cotton fasid.
- (i) Write systematic position of rice Hispa.
- (j) Why *Leptocarisa* is called gundhi bug ?

1×10=10

Section A

- 2. (a) Write various fishes of riverine fishery. 5
- (b) What are Looks and lines. 2½
- 3. Describe different types and fishing crabs. 7½
- 4. (a) Write various species of fin fishers along with their food and feeding habits. 5
- (b) Write various species and prawns which are major contributors of Indian fisheries. 2½
- 5. (a) Describe the proces; of pearl culture. 5
- (b) Describe cold water fishery. 2½

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Section B

- 6. Give Zoological name, systematic position and control of the following parts : 7½
 - (a) Gurdaspur borer
 - (b) Sugarcane leaf hopper
 - (c) cotton grey weevie
- 7. Write systematic position, nature of damage, life-cycle and control of wheat stem borer. 7½
- 8. (a) Describe life-cycle of *Aulacophora*. 3½
- (b) Discuss the nature of damage caused and habits of Rice stem borer and Hadda beetle. 4½
- 9. Write short notes on control of the following pests :
 - (a) Gundhi bug
 - (b) Vegetable mite
 - (c) Rice grasshopper. 7½

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