

8. Describe the life-cycle and control of *Aulacophora faveicollis*. 7.5
9. Write short notes on the damage and control of the following :
- (a) *Sesamia inferens* 4
- (b) *Pectinophora gossypiella*. 3.5

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### B. Sc. EXAMINATION

(For Batch 2011 & Onwards)

(Sixth Semester)

ZOOLOGY

First Paper

Aquaculture and Pest Management-I

Time : Three Hours Maximum Marks : 40

**Note :** Q. No. 1 is compulsory. Attempt Five questions in all, selecting two questions each from Section A and B. Draw well labelled diagrams wherever necessary.

1. Answer the following questions or explain the terms in **25-30** words each :
  - (a) EEZ Concept
  - (b) Capture Fisheries

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- (c) Cold Water Fishes
- (d) Rivers of West Coast river system
- (e) Lake
- (f) Pests of Wheat
- (g) Damage causing stage of Gurdaspur borer
- (h) Name two edible mollusks
- (i) Zoological name of Wheat stem borer
- (j) Life span of pumpkin fruit fly.  $1 \times 10 = 10$

#### Section A

- 2. Describe the culture of fin fishes. 7.5
- 3. (a) Describe the status of world capture fisheries. 4
- (b) Name the main species of fishes of reservoir fisheries. 3.5
- 4. (a) Explain the culture of prawns in fresh water. 4.0
- (b) What are hooks and lines ? 3.5

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- 5. Write short notes on the following : .
- (a) Drag net 4
- (b) Satpati Boat. 3.5

#### Section B

- 6. Explain the systematic position of the following :
  - (a) The pumpkin fruit fly
  - (b) Rice grasshopper
  - (c) Cotton gray weevil
  - (d) Sugarcane top borer
  - (e) Vegetable mite.  $1.5 \times 5 = 7.5$
- 7. Explain the nature of damage of the following :
  - (a) Red pumpkin beetle
  - (b) Rice stem borer
  - (c) Red cotton bug
  - (d) Sugar cane white fly
  - (e) Cotton Jassid.  $1.5 \times 5 = 7.5$

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