

Roll No. ....

(05/25)

**5266**

**B. Sc. EXAMINATION**

(Sixth Semester)

**ZOOLOGY**

Paper I

**Aquaculture and Pest Management-I**

*Time : Three Hours*

*Maximum Marks : 40*

**Note :** Attempt *Five* questions in all, selecting *two* questions from Sections A and B. Q. No. 1 is compulsory.

**Compulsory Question**

1. (i) Write scientific name of Dipteran pest of Pumpkin.
- (ii) Write damage causing stage of Red Cotton Bug.
- (iii) What are the habits of Cotton Jassid ?

- (iv) Write scientific name of two hemipteran pest of Sugarcane.
- (v) Write the host plants of the Hadda beetle.
- (vi) What is Commercial fishery ?
- (vii) What is Electric Fishing ?
- (viii) Write composition of Pearl.
- (ix) What is Dinghi ?
- (x) What is Chauk Fishery ?  $1 \times 10 = 10$

### Unit I

Describe the process of Pearl Culture.  $7\frac{1}{2}$

Write the food and feeding habits of fin fish : 4

(i) *Megalops Cyprinoides*

(ii) *Lates Calcarifer*.

Write about Prawn Culture.  $3\frac{1}{2}$

Write about cold water fishery.  $7\frac{1}{2}$

5. (a) Write fish fauna of reservoirs of the Indus River System and West Coast River System. 4
- (b) Describe in brief the various types of nets used in fishing.  $3\frac{1}{2}$

### Unit II

6. Write systematic position, habits, nature of damage and life cycle of sugarcane leaf hopper.  $7\frac{1}{2}$

7. (a) Classify Guradapur borer and Red Cotton Bug. Write their scientific name. 4

(b) Write about the damage caused by cotton grey weevil. Write its control measures.  $3\frac{1}{2}$

8. (a) Describe life-cycle of wheat stem borer. 4

(b) Write down the scientific name of the vegetable pest with eight legs. Write its classification and host plants.  $3\frac{1}{2}$



9. (a) Discuss the control measures of Pumpkin fruit fly and Rice stem borer. 4
- (b) Write the scientific name and classification of two Polyphagous insect pest of Paddy. 3½

