

5266

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. <https://www.cdluonline.com> 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

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. 1.5×5=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. 1.5×5=7.5

8. Describe the life-cycle and control of *Aulaocophora faveicollis*. 7.5

9. Write short notes on the damage and control of the following :

- (a) *Sesamia inferens* 4
- (b) *Pectinophora gossypiifolia*. 3.5