

Roll No.

Total Pages : 3

BAQ/A-20

595

ZOOLOGY

(Aqua Culture and Pest Management)

Paper-I

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt *five* questions in all. Question no. 1 is compulsory.
Attempt *two* questions each from sections A and B.

Compulsory Question

1. Explain the following :

- (a) EEZ.
- (b) Capture Fisheries.
- (c) Dinghi.
- (d) Name two edible molluscs.
- (e) Spawn.
- (f) Pest.
- (g) Infestation.
- (h) Insect Repellants.
- (i) Pestiferous Birds.
- (j) Three pesticides of Botanical origin. (15×10=15)

SECTION-A

2. Define culture fisheries. Explain pond fish culture in detail.
(8.75)
3. Write an essay on fishing gears. (8.75)
4. Write notes on :
 - (a) Natural seed resources.
 - (b) World fish utilization. (4+4.75)
5. Write notes on :
 - (a) Cryopreservation of gametes.
 - (b) Cold water fisheries. (4+4.75)

SECTION-B

6. Write the systematic position and damage causing stage of sugarcane leaf hopper. Discuss its life cycle and control measures. (8.75)
7. Write the systematic position and damage causing stage of the following :
 - (a) The red pumpkin beetle.
 - (b) Cotton jassid.
 - (c) Gundhi bug. (3+3+2.75)

8. Write the systematic position of the following :

(a) Pulse beetle.

(b) The hadda beetle.

(c) Wheat stem borer.

(d) Rice Weevil. (2.25+2.25+2.25+2)

9. Write notes on :

(a) Biological control.

(b) Rodent Pest. (4.5+4.25)
