

GSQ/M-21**1760****AQUACULTURE AND PEST MANAGEMENT-I****Paper-I**

Time Allowed : 3 Hours]

[Maximum Marks : 40

Note : Attempt **five** questions in all, selecting **two** questions from each Unit.
Question No. **1** is compulsory.

Compulsory Question

1. Explain the following in about 20 words : 1×10=10
- (i) EEZ.
 - (ii) Subsistence fisheries.
 - (iii) Oligophagous.
 - (iv) Dip net.
 - (v) Two species of Edible molluscs.
 - (vi) Fishing unit.
 - (vii) Stocking pond.
 - (viii) Honey dew.
 - (ix) Ratoon crop.
 - (x) Zoological name of Hadda beetle.

UNIT-I

2. Describe the Riverine fisheries in India. 7½
3. What are Fishing crafts? Describe various fishing crafts in detail. 7½
4. Write notes on the following : 3+4½=7½
- (a) World Fish production.
 - (b) Pearl culture.

5. Write notes on the following : 3+4½=7½
- (a) Tank Fish culture.
 - (b) Reservoir Fisheries.

UNIT-II

6. Explain the systematic position, habits, nature of damage, life-cycle and control of Wheat stem borer. 7½
7. Discuss the nature of damage caused and habits of following Pests : 3½+4=7½
- (a) Rice stem borer.
 - (b) Red pumpkin beetle.
8. Give the systematic position of following Pests :
- (a) The vegetable mite.
 - (b) Gundhi bug.
 - (c) Cotton grey weevil.
 - (d) Sugarcane top borer. 2+2+2+1½=7½
9. Write notes on the damage causing stage and control of the following Pests :
- (a) Sugarcane leaf-hopper.
 - (b) Pumpkin fruit fly.
 - (c) Sugarcane root borer. 2½+2½+2½=7½