

Time : 3 hrs

Maximum marks: 40

Note: Attempt five questions in all, selecting one question from each unit. Q. No. 1 is compulsory.

Compulsory Question

1. Answer each question in about 20 words: 1 × 10 = 10
- (a) Name a commonly used rodenticide.
 - (b) What are 'Allomorpha'?
 - (c) Which nematode species are used to control beetles?
 - (d) Name two pestiferous birds.
 - (e) What are 'Grubs'?
 - (f) Which is the damage causing stage of *Tetranychus teclaris*.
 - (g) What is Ratoon Crop?
 - (h) Enlist the hydrocarbon oils used to control pest population.
 - (i) Give zoological name of 'Dhora'.
 - (j) What do you mean by Oligophagous Pest?

UNIT - I

2. Write about the systematic position, life-cycle, damage causing stage and control of *Pectinophora gossypiella*. 7½
3. Write zoological names of insects pests of sugarcane you have studied. Explain their nature of damage and control measures adopted by farmers. 7½

UNIT - II

4. Write short notes on the following: 7½
- (a) Rice Hispa
 - (b) Rice Grasshopper.
5. Describe in detail about the habits, life-cycle and control of *Sesamia inferens*. 7½

UNIT - III

6. Give the systematic position and control measures used for: 7½
- (a) Pulse beetle
 - (b) Rice Weevil
 - (c) Wheat Weevil
 - (d) Flour beetle.
7. Explain the life-cycle, damage causing stage and control measures for *Anilacophora foveicollis*. 7½

UNIT - IV

8. (a) Explain the role of antifeedants in insect pest management. 3½
- (b) Explain Quarantine and Insecticide Law. 4
9. Write a detailed account on control of rodent pests. 7½

□□□

InShot

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