

Economic Entomology and Pest Management- II
Semester - VI

Time Allowed : Three Hours

Maximum Marks : 70

Note :- The candidates are required to attempt two questions each from Section A and B carrying 12 marks each. and the entire Section C consisting of 11 short answer type questions carrying 2 marks each.

Section - A

1. Write down the systematic position, habits and damage caused by following pests to crops :
(a) Sugarcane Stem Borer (b) Cotton grey weevil
(c) Pink boll worm 4×3=12
2. Write down the habits and damage caused by following pests to vegetables and crops :
(a) Rice Hispa (b) Aphids, Jassids
(c) Rice moth. 4×3=12
3. Write down the habits, systematic position and damage caused by following pests :
(a) Rice Weevil (b) Red Rust flour beetle
(c) Wheat stem borer 4×3=12
4. Write down the systematic position, disease caused and control of the following pests of medical importance :
(a) Mosquitoes (b) Horse fly
(c) Warble fly. 4×3=12

Section-B

5. (a) Write down the various requirements of Sericulture industry.
(b) Name various species of silkworm. 6×2=12
6. (a) Write down the various species of Honeybees.
(b) What are the various methods and Appliances of Bee keeping ? 6×2=12
7. Explain the chemical control of pests with special reference to organophosphorus insecticides and fumigants. 12
8. Explain the various agents of biological control. 12

Section-C

9. Write short notes on the following :
(i) Disease of Silkworm (ii) Full form of DDT
(iii) Bees Venom (iv) Sterile Insect Release Methods.
(v) Integrated Pest Control (vi) Fleas
(vii) Royal Jelly (viii) Diseases of Lac Insect
(ix) Flora for Apiculture (x) Biological control with Protozoans
(xi) Termites. 11×2=22