

(i) Printed Pages : 2 Roll No.

(ii) Questions : 9 Sub. Code :

1	7	5	5	4
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Exam. Code :

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B.A./B.Sc. (General) 6th Semester

(2055)

ZOOLOGY

**Paper-II : Applied Zoology-II Opt. (ii) Economic Entomology
and Pest Management-II (ZOO-602B)**

Time Allowed : Three Hours] [Maximum Marks : 36

Note :— Attempt **FIVE** questions in all including Q. No. 1, which is compulsory and selecting **ONE** question from each section. Draw neat and clean diagrams wherever required.

1. Give short answers :

- (a) Two fungal diseases of silkworm.
- (b) Pheromone vs. allelochemicals.
- (c) Host plants of lac insect.
- (d) Define Carbamate Insecticides.
- (e) Royal jelly.
- (f) Two agents of nemathelminths in biological control
- (g) Define Parasitoid. How do they differ from predators ?
- (h) Appliances of bee keeping. 1×8=8

SECTION—A

2. Describe sericultural with special reference to species of silkworm. Explain the basic requirements for the sericultural industry. 7
3. Give an account on various types causative organism, symptoms and control of diseases of silkworm. 7

SECTION—B

4. Name the two enemies of lac insect. Discuss in detail about the cultural and processing of lac. 7
5. Explain the causative organism, symptoms and control of diseases of honey bee. 7

SECTION—C

6. Explain the fumigants used in chemical control with special reference to methyl bromide, carbon tetra chloride and aluminum phosphide. 7
7. Discuss in detail about the hazards of chemical pest control. 7

SECTION—D

8. What is biological pest control ? Explain the role of protozoans and arthropods in biological control. 7
9. Explain the different implementation strategy and framework of IPM programme. 7