

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9

Sub. Code :

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Exam. Code :

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**B.A./B.Sc. (General) 6th Semester
(2053)**

ZOOLOGY

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

Time Allowed : Three Hours]

[Maximum Marks : 36

Note :—(1) Attempt **five** questions.

(2) Question No. 1 is compulsory.

(3) Select **one** question from each Section.

1. Give short answers :

- (a) Enlist different types of grainage systems in sericulture industry.
- (b) Define fumigants.
- (c) How is strip cropping helpful in management of pest population ?
- (d) Name the important viral diseases of silkworm.
- (e) What are organophosphates ?
- (f) Define Nosema disease.

(g) Define Pest and Parasitoid.

(h) Enlist various species of Lac insects. 1×8

SECTION—I

2. Name the species of silkworm involved in sericulture. Describe the basic strategies required for setting up the silk industry. 7
3. Describe the steps involved in Pre and Post – Cocoon processing. 7

SECTION—II

4. Write a note on :
 - (a) Harvesting of Lac
 - (b) Methods to control the enemies of Lac Insect. $3\frac{1}{2}+3\frac{1}{2}$
5. Discuss in detail about the products obtained from bee keeping industry. 7

SECTION—III

6. What are chlorinated hydrocarbons ? Explain with special reference to Alderin and BNC. 7
7. Explain hazards caused due to the excessive use of chemical insecticides. 7

SECTION—IV

8. Define biological pest control. Explain the technique used in biological pest control practice. 7
9. Give the detailed account of IPM; also discuss the prospective of this programme. 7