

(i) Printed Pages : 2 Roll No.

(ii) Questions : 9 Sub. Code :

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B.A./B.Sc. (General) 5th Semester
(2124)

ZOOLOGY

**Paper-II : Applied Zoology-I Opt.-(ii) : Economic
Entomology & Pest Management-I (ZOO-502B)**

Time Allowed : Three Hours] [Maximum Marks : 36

Note :— Attempt **FIVE** questions in all including Question Number I which is compulsory and selecting **ONE** question from each Unit. Draw neat and clean diagrams.

I. Give short answers :—

- (a) Naiad
- (b) Pupa of mosquito
- (c) Honey bee and Dragon fly belong to which order ?
- (d) What is Endopterygota ?
- (e) Classification of Termites.
- (f) Diseases Transmitted by blow fly.
- (g) Dead hearts.
- (h) Scarabaeiform larvae.

8×1=8

UNIT—I

- II. Explain mouth parts of House fly and Mosquito with help of suitable diagrams. 7
- III. Write systematic position, habits, nature of damage, control measures and life cycle of Pink bollworm. 7

UNIT—II

- IV. List the pests of Paddy. Write their systematic position, habits, nature of damage along with control measures. 7
- V. (a) Explain the life cycle of Wheat stem borer with the help of a suitable diagram.
- (b) Write systematic position and control measures of Hadda Beetle. 4+3=7

UNIT—III

- VI. List the stored grain pests belonging to family Bruchidae. Write their scientific name, Common name, systematic position, habits and nature of damage. 7
- VII. (a) Write note on methods of controlling stored grain pest.
- (b) Write scientific name, systematic position of :
- (i) Rust red flour beetle
- (ii) Rice weevil. 3+2+2=7

UNIT—IV

- VIII. Explain disease caused, systematic position, control measures along with the life cycle of *Musca domestica*. 7
- IX. Write systematic position, disease caused and control measures of :
- (i) *Haematopinus eurysternus*
- (ii) *Xenopsylla*. 4+3=7