

P-969

Total Pages : 3

Roll No.

ZO-554(A)

Applied Entomology

M.Sc. Zoology (MSCZO)

2nd Year Examination, 2023 (June)

Time : 2 Hours]

Max. Marks : 70

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

SECTION-A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. Describe in detail the male and female reproductive organs of Insects.

2. Describe in detail the endocrine gland and their function in Insects.
3. Explain the process and mechanism of respiration in Insects.
4. Describe the integrated pest management with various step involved in Implementation.
5. Describe the modification of mouthparts in insects.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. What are the different function of juvenile hormones in insects?
2. How is the Honey bee colony organized?
3. Briefly describe the life history of Lac insects.
4. Describe the various type insects' leg.
5. What are the different types of parasitism in insects?

6. Explain the integuments of insect with well labelled diagram.
 7. Write a short note on forensic entomology.
 8. What are the different functions performed by the termites workers?
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