

K-537

Total Pages : 3

Roll No.

MZO-608A

GENERAL AND ECONOMIC ENTOMOLOGY

M.Sc. Zoology (MSCZO)

4th Semester Examination, 2023 (Dec.)

Time : 2 Hours]

[Max. Marks : 35

Note : This paper is of Thirty Five (35) 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 answers 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 Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.

(2×9½=19)

1. Describe the General Characteristics features and importance of order Diptera with examples.
2. Classify the insects on the basis of feeding patterns.
3. Write an essay on Pests of horticultural crops and their management.
4. Describe the respiratory system of insects in detail. How is the respiratory system of insects adapted?
5. What is meant by integrated pest management? Describe its components in detail.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Four (04) marks each. Learners are required to answer any Four (04) questions only. (4×4=16)

1. What characteristics of arthropod exoskeletons can account for some species' phylum-wide environmental adaptation?
2. What is the study of insect behaviour? What are the two types of behaviour that can be observe in insects?

3. What is the feeding mechanism of sponging type of mouthparts in insects?
 4. Write management practices of store grain pest of field crops.
 5. Comment on rodent pest management.
 6. Write short notes on conventional pesticides.
 7. Comment on the compound eye of insects.
 8. Why are insects most dominating species on earth? What is the economic importance of insects?
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