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Total Pages : 3

Roll No.

MZO-608A

General & Economic Entomology

M.Sc. Zoology (MSCZO)

4th Semester Examination, 2023 (June)

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.

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 Piercing and sucking type mouthparts with examples.

2. Explain the different type of antennae of insects.
3. Mention the general characteristic features of Coleoptera with examples.
4. Describe the outline classification of class Insecta with examples.
5. Draw a neat labelled diagram of Sponging type of mouth parts.

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. Differentiate between Thysanura and Thysanoptera.
2. Explain the endocrine glands of insects.
3. Write the General characters of collembola order.
4. Give an account of sugarcane pests of India.
5. Discuss briefly on the storage pest and their prevention methods.

6. Draw labelled diagram of mouthparts of cockroach.
 7. Write the General characters of Orthoptera order.
 8. Give the outline classification of insects.
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