

S-175

Total Pages : 3

Roll No.

MZO-609A

Applied Entomology

M.Sc. Zoology (MSCZO)

4th semester Examination, 2022 (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.

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. Write an essay on insects injurious to life stocks.

2. Discuss the composition of modern hive used in bee keeping, how is a swarm hived in it.
3. List any five aquatic insects and explain the life cycle of any of them briefly.
4. Write an essay on aquatic insects.
5. Describe the colony structure and give an account of Bee signal / languages during food collection.

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. Give an account of the diseases of silk moth.
2. With the help of suitable diagram explain the life cycle of honey bees.
3. "Insects now being recognized as a valuable tool in criminal investigations". Explain.
4. Describe the various steps in obtaining raw silk from cocoon.

5. Describe foraging and communication behavior in honey bees.
 6. Give an account of the life cycle of Lac insect.
 7. Describe the insect products used by man.
 8. Give an account of the species of silkworm.
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