

**A-931**

**Total Pages : 3**

**Roll No. -----**

**MZO-608 (A)**

**General & Economic Entomology**

**M.Sc. Zoology (MSCZO)**

**4<sup>th</sup> Semester Examination 2024 (June)**

**Time: 2:00 hrs**

**Max. Marks: 35**

**Note :** This paper is of Thirty Five (35) marks divided into Two (02) Section A and B. Attempt the questions contained in these sections according to the detailed given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

**P.T.O.**

**A-931/MZO-608 (A)**

**1**

### **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.

[2x9½=19]

- Q.1. Describe the biting and chewing type mouthparts with examples.
- Q.2. Explain the different types of antennae of insects.
- Q.3. Mention the general characteristics features of Hemiptera.
- Q.4. Explain the different type of Leg of insects With examples.
- Q.5. Describe the nature and symptoms of damage and the life cycle of red headed hairy caterpillar.

### **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.

[4x4=16]

- Q.1. Differentiate between apterygota and pterygota.
- Q.2. Explain the endocrine glands of insects.
- Q.3. Write the General characters of Hemiptera.
- Q.4. Give an account of cotton pests of India.
- Q.5. Discuss briefly on the stored pests and their prevention methods.
- Q.6. Draw labeled diagram of mouthparts of Housefly.
- Q.7. Write a short note on diapause.
- Q.8. Give the outline classification of insects.

\*\*\*\*\*