

2022
M.Sc.
Fourth Semester
DISCIPLINE SPECIFIC ELECTIVE – 3
ZOOLOGY
Course Code: MZOD 4.11 (D)
(Entomology – II)

Total Mark: 70
Time: 3 hours

Pass Mark: 28

Answer five questions, taking one from each unit.

UNIT-I

1. Discuss how polyethism in honeybees evolved. 14
2. Write notes on eusociality in termites. 14

UNIT-II

3. (a) Give an account on lac cultivation. 9
(b) Write the composition and uses of silk. 5
4. (a) Explain the various parts of modern beehive. 7
(b) Write the various equipment and machinery for handling and processing of honey. 7

UNIT-III

5. (a) Write the properties of an ideal insecticide. 6
(b) Classify insecticides based on the origin and source of supply. 8
6. Discuss the various information required in dealing with a pest problem. 14

UNIT-IV

7. Explain the types of insect injury to plants. 14
8. Write notes on life cycle, damage and control of *Earias vittella*. 14

UNIT-V

9. Write the venoms and allergens of insects. 14
 10. Write the life cycle, damage and control of sand flies. 14
-

