

QP CODE: 26019292



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Reg No : .....

Name : .....

**M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026**

**Fourth Semester**

M Sc ZOOLOGY

**ELECTIVE - ZL820403 - APPLIED ENTOMOLOGY**

2019 Admission Onwards

278696A3

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

*Answer any **eight** questions.*

*Weight 1 each.*

1. Define potential pest with an example.
2. What is pest surveillance?
3. Define pest resurgence.
4. List down the type of damage caused by American boll worm in cotton.
5. Outline the control measures of termites.
6. Examine the role of insect antifeedants in pest management.
7. Name any four microbiological control agents which can be used in insect pest management.
8. Comment on Carbamates.
9. Comment on insecticides of plant origin.
10. What is Typhus?

(8×1=8 weightage)

**Part B (Short Essay/Problems)**

*Answer any **six** questions.*

*Weight 2 each.*

11. Discuss the reasons for insects assuming pest status.
12. Classify damage due to insect pest based on the concept of Economic levels.
13. Elaborate on the biology and control measures of any two pests of cashew.
14. Explain the biology and control measures of the pests of coffee.





15. Compare the methodology used in biological control with autocidal control.
16. Write a note about IPM in rice.
17. Briefly explain insecticide synergists.
18. Explain biology and control measures of ticks and mites.

(6×2=12 weightage)

**Part C (Essay Type Questions)**

*Answer any **two** questions.*

*Weight 5 each.*

19. Examine the biology and nature of damage caused by the pests of spices.
20. Elaborate on the different types of Pest management system.
21. Discuss the chemistry and mode of action of chemical insecticides.
22. Explain the succession of insect fauna on a cadaver.

(2×5=10 weightage)

