



25020696

QP CODE: 25020696

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE
EXAMINATIONS, FEBRUARY 2025**

Sixth Semester

**CHOICE BASED CORE COURSE - ZY6CBT02 - AGRICULTURAL PEST
MANAGEMENT**

Common for B.Sc Zoology Model I, B.Sc Zoology Model II Aquaculture, B.Sc Zoology and Industrial Microbiology Model III Double Main, B.Sc Zoology Model II Food Microbiology, B.Sc Zoology Model II Medical Microbiology & B.Sc Biological Techniques and Specimen Preparation Model III.

2017 Admission Onwards

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Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What you mean by reproduction potential of a pest?
2. How high yielding variety of crop enhances pest population?
3. Define key pest.
4. Write the nature crop loss by mice.
5. What are the different types of non-insect pest?
6. How the pest injury effect the yield of crops?
7. What is antixenosis?
8. Differentiate parasitoids and predators.
9. Comment on insecticides of plant origin.
10. Write a brief note on mode of action of carbamates in chemical pest control.
11. Differentiate attractants and repellants in pest control.
12. Give the scientific names of any four pests of Brinjal.

(10×2=20)





Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the category of Pests.
 14. Write about external structure, function and features of insect pests.
 15. Describe the reproduction and development of insect pest.
 16. Describe cultural control in pest management.
 17. Write an account on pesticide formulations and pesticide appliances.
 18. Write an account on miscellaneous control measures used in used in pest management.
 19. Describe the life cycle, damage caused and control measures of *Spodoptera mauritia*.
 20. Describe life cycle, damage caused and control measures of *Anadevidia peponis*.
 21. Describe the life cycle, nature of damage and control measures of *Tribolium castaneum*.
- (6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. What is pest? Give an account on the origin and evolution of pest.
 23. Write essay on life cycle and types of metamorphosis of insect pest.
 24. Write an essay on integrated pest management.
 25. Write an essay on the different coconut pests and their control measures.
- (2×15=30)

