

Reg No:.....
Name :

K24FY1267

First Semester FYUGP Zoology Examination
NOVEMBER 2024 (2024 Admission onwards)
KU1MDCZOO101 (INSECT PEST MANAGEMENT)
(DATE OF EXAM: 29-11-2024)

Time : 90 min

Maximum Marks : 50

Part A (Answer any 6 questions. Each carries 2 marks)

1. What types of damage do aphids cause to crops? 2
2. Define cultural methods of insect control. 2
3. What do you know about Pyrethroids 2
4. What are pheromones, and how are they used as insect attractants? 2
5. Explain the mode of action of insect antifeedants 2
6. How does IPM integrate different pest control methods? 2
7. Explain how IPM reduces reliance on chemical pesticides. 2
8. Describe how Bt toxins specifically target the digestive system of insects. 2

Part B (Answer any 4 questions. Each carries 6 marks)

9. Create a table on the damage threshold level of various classes of insect pests. 6
10. How would you present different methods of biological pest control 6
11. Create a table showing different types of inorganic insecticides 6
12. Create a short description on the insect antifeedants with example. 6
13. Create a table showing advantages and disadvantages of IPM 6
14. Create a short account on the biological control measures of insect pest by using *Bacillus thuringiensis*. 6

Part C (Answer any 1 question(s). Each carries 14 marks)

15. What is insect growth regulators, explain IGR types and their mode of action in the control of insect pests 14
16. (a) Discuss the Common insect pest of vegetables 7
(b) Classify insect pests and give an example each. 7