Reg No:..... K24FY1267
Name :.....

# First Semester FYUGP Zoology Examination
# NOVEMBER 2024 (2024 Admission onwards)
# KU1MDCZOO101 (INSECT PEST MANAGEMENT)

(DATE OF EXAM: 29-11-2024 )

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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

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