

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

MGU-UGP (HONOURS)
FIFTH SEMESTER EXAMINATION
(2024 ADMISSION ONWARDS)

Course Code: **DSE** Course Title: **Plant Protection Strategies- Management of Insect Pest, Weeds and Pathogens**

Time: 2.00 Hrs

Maximum Marks: 70

Student should attempt at least one question from each course outcome to enhance their overall outcome attainability

Part A:

Short answers

Answer 10 questions

Each question carries 2 marks

	Questions	Taxonomy	CO
1	Define IPM?	Remember	4
2	What is Plant quarantine?	Remember	1
3	Define Agricultural entomology.	Understand	1
4	What are mildews?	Remember	4
5	What is Pheromone?	Remember	1
6	Give an example for insect pest in Rice.	Understand	2
7	Name the causative agent for damping off of Chilli.	Remember	2
8	List any two component of Integrated Pest Management.	Remember	4
9	Define Allelopathy.	Remember	3
10	What are phanerogamic parasites?	Remember	1
11	Name an aquatic weed.	Understand	3
12	Write any one control measure effective against bunchy top disease in banana?	Remember	1

Part B:

Short Essay Type Questions

Answer 8 Questions

Each question carries 5 marks

13	Describe the symptoms and control measures of Abnormal leaf fall of Rubber.	Understand	2
14	Write a short note on Insect growth regulators.	Remember	1
15	Give an account on insect pest control measures in Cow pea and Bitter gourd.	Understand	1
16	Explain the symptoms of bacterial infection in Plants.	Understand	1
17	Write a short note on Herbicide classification and their mode of action.	Remember	1
18	Evaluate the role of Precision Agriculture in IPM.	Evaluate	4
19	Explain crop-weed competition.	Understand	3
20	Discuss the challenges in Integrated Pest Management.	Analyse	4
21	Give an account on Parasitic weeds and their management.	Remember	3

22	Write notes on the causative agent, symptoms and control measures of Mosaic disease of Tapioca.	Understand	2
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Part C:

Essay Type Questions

Answer any one question

Question carries 10 marks

22	Describe the components and benefits of Integrated Pest Management.	Understand	4
23	Explain how Weed control can be done in farm lands.	Remember	3