**KAHM UNITY WOMEN’S COLLEGE, MANJERI**

**DEPARTMENT OF BOTANY**

**BOT6CPM- CROP PROTECTION AND MANAGMENT**

**MODEL QUESTION PAPER**

**Time: 1 Hour Max Marks: 30**

**Section A**

**Answer at least ten questions. Each question carries 1 mark.**

**All questions can be attended. Overall ceiling 10.**

1. Write a note on exclusion principle plant protection

2. What are the abiotic causes of plant diseases?

3. Explain plant quarantine.

4. Name the causal agent of *Citrus* canker.

5. How plant viruses transmitted?

6. Describe structural defense in plants?

7. Explain different ways of spread and transmission of plant diseases?

8. Explain different symptoms of plant diseases?

9. Write a short note on the control measures to eradicate Quick wilt of pepper.

10. Explain different ways of spread-Seed borne and Vector borne diseases.

11. Explain different methods of chemical control measures?

(10X1= 10 Marks)

**Section B**

Answer at least five questions. Each question carries 2 marks.

All questions can be attended. Overall ceiling10.

12. Biochemical defense mechanism in plants.

13. Give an account of different modes of transmission of plant viruses.

14. Discuss briefly the general methods of eradication of pathogen.

15. Explain the causative organism, symptoms and control measures of Bunchy top of Banana.

16. Explain the role of biocides in plant protection.

17. Describe the role of biopesticides in sustainable agriculture.

(5X2= 10 Marks)

**Section C**

Answer any two questions. Each question carries 5 marks

18. Write a detailed account on host- parasitic interaction with a special reference to the plant’s defense mechanism?

19. How plant diseases can be managed in a sustainable way?

20. With examples, describe the causal agents of plant diseases.

(2X5= 10 Marks)