**NATIONAL UNIVERSITY OF LESOTHO**

**FACULTY OF AGRICULTURE**

**B.Sc. (AGRICULTURE) EXAMINATIONS**

**CPS 3505 – PLANT DISEASES AND THEIR CONTROL**

**JANUARY 2024**                                                    **MARKS: 100**

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**ANSWER ANY FOUR QUESTIONS**

**QUESTION 1 (25 MARKS)**

Discuss how can information about the physical environment used to predict the severity of plant disease epidemics? To what extent and in what ways are such predictions useful for disease management?

**QUESTION 2 (25 MARKS)**

Discuss the use of crop rotation for the management plant diseases.

**QUESTION 3 (25 MARKS)**

Describe how and to what extent can plant diseases be controlled by legislation and regulation?

**QUESTION 4: (25 MARKS)**

Discuss two vegetable diseases of your choice in terms of their causal agents, hosts, symptoms, disease development and control strategies.

**QUESTION 5 (25 MARKS)**

Write short notes on the following: (5 marks each)
a)      Control of plant diseases by removal of initial inoculum
b)      Levels of genetic resistance or susceptibility of the host
c)      plant disease management

d)  Effects of human cultural practices and control measures on development of epidemics.

e)  Biological vs chemical control