



2<sup>ND</sup> SEM. 2004/2005

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME:** DIPLOMA IN AGRICULTURE YEAR 2  
DIPLOMA IN AGRICULTURAL EDUCATION  
YEAR 2

**COURSE CODE:** CP 205 ✓

**TITLE OF PAPER:** CROP DISEASES

**TIME ALLOWED:** TWO (2) HOURS

**INSTRUCTIONS:** ANSWER ANY FOUR (4) QUESTIONS

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED  
BY THE CHIEF INVIGILATOR**

**INSTRUCTIONS: ANSWER ANY FOUR [4] QUESTIONS****QUESTION 1**

- a) Write an essay on the mechanisms used by bacteria to cause plant diseases. (13 marks)
- b) Explain the symptoms of bacterial diseases in plants. (12 marks)
- [TOTAL MARKS = 25]**

**QUESTION 2**

Explain asexual reproduction in fungi.

**[25 MARKS]**

**QUESTION 3**

- a) Define a virus. (5 marks)
- b) Explain symptoms of plant viral diseases. (10 marks)
- c) Explain multicomponent plant viruses (10 marks)
- [TOTAL MARKS = 25]**

**QUESTION 4**

- a) Describe early blight of tomatoes or potatoes and control measures against this disease. (15 marks)
- b) Describe bacterial wilt of tomato plants. (10 marks)
- [TOTAL MARKS = 25]**

**QUESTION 5**

Organize a wide range of plant pathogenic fungi in a flow chart form so that it becomes easy to understand them.

**[25 MARKS]**