



SUPPLEMENTARY 2005/2006

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION

**PROGRAMME: DIPLOMA IN AGRICULTURE YEAR 2 AND 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
BEGIN EACH QUESTION ON A NEW SHEET**

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

QUESTION 1

Define the following terms and give an example where requested

- a) Abiotic disease (give an example) [5]
- b) Haustorium (give an example of producing fungus) [5]
- c) Symptom (give an example) [5]
- d) Sign (give an example) [5]
- e) Latent infection (which pathogens cause it?) [5]

[25 Marks]

QUESTION 2

Describe symptoms of early blight on tomatoes and how they differ from those of late blight on the same crop. What are the causal agents of each disease and how would you control the diseases?

[25 Marks]

QUESTION 3

Discuss the different means by which fungal spores are disseminated.

[25 Marks]

QUESTION 4

Compare and contrast downy and powdery mildew.

[25 Marks]

QUESTION 5

Describe symptoms of viral infections on plants.

[25 Marks]