



2nd Semester 2007/2008

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION

PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURE YEAR 5 (CROP PRODUCTION OPTION)

COURSE CODE: CP 506

TITLE OF PAPER: CROP PROTECTION TECHNOLOGY

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS:

- 1. THIS PAPER HAS FIVE QUESTIONS**
- 2. ANSWER FOUR (4) QUESTIONS**
- 3. ALL QUESTIONS HAVE 25 MARKS. MARKS OF SUBSECTIONS ARE INDICATED IN BRACKETS**

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

QUESTION 1

Give the names of any five pests of a crop of your choice and then answer the following questions:-

- (a) How would you identify each of the named pests above? (5)
- (b) What plant damage does each cause? (5)
- (c) How would you control each one of these? (10)

(25 MARKS)

QUESTION 2

Using a named crop, explain what you consider to be the basic principles in crop protection.

(25 MARKS)

QUESTION 3

Explain how you would use cultural control to deal with both insect pest and plant diseases.

Give specific crop examples to illustrate your answer.

(25 MARKS)

QUESTION 4

Chemical control is widely used for both insect pest and plant disease problems. Is this justifiable. Discuss.

(25 MARKS)

QUESTION 5

“Legal or legislative pest control is not only essential but universally used everywhere in the world”. Discuss this statement.

(25 MARKS)