



SUPPLEMENTARY 2004/2005

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

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

COURSE CODE: CP 204

TITLE OF PAPER: CROP PESTS

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS:

1. THIS PAPER HAS TWO SECTIONS (A AND B)
2. ANSWER QUESTION 1 FROM SECTION A (COMPULSORY) AND ANY OTHER THREE (3) QUESTIONS FROM SECTION B

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

SECTION A (Compulsory)**QUESTION 1**

Draw a table similar to the one shown below in your answer booklet. For each of the crops indicated, give 5 (FIVE) examples of pests and related damage caused.

Crops	Pest species	Damage caused
Cotton		
Citrus		
Cereals		
Stored products		

[Total marks = 40]

SECTION B

Answer any 3 (THREE) questions from this section.

QUESTION 2

Using named examples, define the following, emphasising their relevance to agriculture:

- i. Pest spectrum (5 marks)
- ii. Key pest (5 marks)
- iii. Pest resurgence (5 marks)
- iv. Monoculture (5 marks)

[Total marks = 20]

QUESTION 3

With the aid of named examples, discuss the various types of damage caused by insect pests on leaves.

[Total marks = 20]

QUESTION 4

Discuss the advantages of biological control.

[Total marks = 20]

QUESTION 5

Briefly discuss, with examples, how insects are beneficial in agriculture.

[Total marks = 20]

QUESTION 6

Give an account on the economic importance of the following in agriculture.

- i. Red scale (4 marks)
- ii. Red billed Quelea bird (4 marks)
- iii. Parasitoids (4 marks)
- iv. Maize weevil (4 marks)
- v. Termites (4 marks)

[Total marks = 20]