



UNIVERSITY OF SWAZILAND
SPECIAL EXAMINATION PAPER

PROGRAMS

BACHELOR OF SCIENCE IN AGRONOMY YEAR 2

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION
YEAR 2

BACHELOR OF SCIENCE IN HORTICULTURE YEAR 2

COURSE CODE: CPR 201

TITLE OF PAPER: CROP PEST AND MANAGEMENT

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

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CHIEF INVIGILATOR

Question 1 (25 Marks)

Explain why insects are called the most successful organisms (25 Mark)

Question 2 (25 Marks)

Name and discuss five causes of pest outbreak (25 Marks)

Question 3 (25 Marks)

Explain the following (25 Marks)

- A. Economic Injury Level
- B. Symptoms
- C. Phytotoximia
- D. Biofix
- E. Natural control

Question 4 (25 Marks)

- a) Name three ways of expressing yield losses (9 Marks)
- b) Explain why yield loss assessments are conducted (12 Marks)
- c) Why should a farmer conduct a yield lose assessment? (4 Marks)

Question 5 (25 Marks)

- a) Explain the differences and similarities between pest control and pest management (5 Marks)
- b) Which of the above methods do you recommend for use by farmers? And why? (5 Marks)
- c) What are the bases for pest management decision making? Explain what they mean and why they are important (15 Marks)