



UNIVERSITY OF SWAZILAND

MAIN EXAMINATION PAPER

PROGRAMME: BSC. IN AGRICULTURAL EDUCATION

COURSE CODE: AEE 302

TITLE OF PAPER: METHODS OF TEACHING AND TESTING IN AGRICULTURE

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ALL QUESTIONS

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INVIGILATOR

QUESTION 1

- (a) Compare and contrast the steps in the problem- solving and those in the learning process. (10 Marks)
- (b) Explain the levels of cognition reached when the teachers uses the following methods of teaching: lecture, demonstration, and case studies (10 Marks)
- (c) Prepare the examples of a question developed at the following levels of cognitive learning at the following levels of cognitive learning:
- (i) Remembering
  - (ii) Processing
  - (iii) Creating, and
  - (iv) Evaluating (5 Marks)

Total Marks [25]

QUESTION 2

- (a) Present the elements of a lesson plan showing the four questions that must be answered in a lesson plan.

Total Marks [25]

QUESTION 3

- (a) Outline the factors that influence the reliability of a test (10 Marks)
- (b) Compare between an objective type of test and essay tests (15 Marks)

Total Marks [25]

QUESTION 4

Discuss in detail the following types of statistical methods used in describing test results:

- (a) item analysis (10 Marks)
- (b) Simple frequency distribution (4 Marks)
- (c) Measures of central tendency (6 Marks)
- (d) Measurement of variability (5 Marks)

Total Marks [25]