



UNIVERSITY OF SWAZILAND

MAIN EXAMINATION PAPER

PROGRAMME:

B.SC. IN AGRICULTURAL EDUCATION YEAR 3

COURSE CODE:

AEE 302

TITLE OF PAPER:

METHODS OF TEACHING AND TESTING IN
AGRICULTURE

TIME ALLOWED:

TWO (2) HOURS

INSTRUCTION:

ANSWER ALL FOUR (4) QUESTIONS

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BY THE CHIEF INVIGILATOR***

QUESTION 1

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

QUESTION 2

[25 marks]

a) Rosenshine and Furst (1971) conducted a Meta-analysis of nearly 500 empirical studies and “factored” out five behaviours which distinguish effective from ineffective teachers. Name the five (5) factors identified and give two (2) examples of practices for each factor.

[15 marks]

b) Explain what we mean when we say an objective must be SMART.

[5 marks]

c) According to Beach and Reinhartz (1980), the teaching from which students learn most is one in which teacher employs 17 practices. Enumerate five (5) of these practices.

[5 marks]

[Total marks: 25]

QUESTION 3

a) Describe briefly 15 reasons for using direct teaching strategies.

[15 marks]

b) Describe five (5) teacher behaviours with strong research support.

[10 marks]

[Total marks: 25]

QUESTION 4

a) Provide a summary of assessment as a quality assurance process.

[8 marks]

b) Give two (2) advantages and two (2) disadvantages of the types of grading in measurement and testing.

[15 marks]

c) Define the following terms as used in measurement and testing:

(i) Validity

(ii) Reliability

[2 marks]

[Total marks: 25]