



**UNIVERSITY OF SWAZILAND**

**MAIN EXAMINATION PAPER**

PROGRAMME: BSc. 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 QUESTIONS.

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CHIEF INVIGILATOR.***

Question 1

Identify the principles of learning used for each step in the problem – solving approach to teaching.

[25 marks]

Question 2

- a) Compare and contrast the steps of the learning process and those of the problem – solving approach.

(12)

- b) Make a comparison between the Bloom's Taxonomy and the New Comb – Treftz model of the cognitive domain

(10)

- c) Explain the characteristics of a well stated objective.

(3)

[25 Marks]

Question 3

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

- a) Item analysis (10)  
b) Marking and grading (4)  
c) Criterion referenced assessment (6)  
d) Norm - referenced (5)

[25 marks]

Question 4

State advantages and disadvantages of:-

- a) Multiple-choice tests.

(13)

- b) True – False tests

(12)

[25 marks]