



2<sup>nd</sup> SEM. 2011/2012

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

**PROGRAMME:** BACHELOR'S DEGREE 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 (4) QUESTIONS

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THE CHIEF INVIGILATOR**

**AEE 302 Supplementary Exams.**

**Question 1**

- (a) Describe formative and summative assessments and what they are intended to accomplish. (13)
- (b) Describe the uses and advantages of observational tools. (5)
- (c) A measure of central tendency is designed to give a single value that is most characteristic of a set of scores. Briefly describe three such measures that are common in testing. (7)

[Total 25 Marks]

**Question 2**

Present a schematic model of a lesson plan. [25]

**Question 3**

- (a) Compare and contrast the steps in the problem-solving and those in the learning process. (18)
- (b) Rosenshine and Furst (1971) conducted a meta- analysis of nearly 500 empirical studies and “factored out” FIVE (5) behaviours which distinguish the effective from the ineffective teacher. Which are the five factors they identified? Give one example of practice of each factor. (7)

[Total 25 Marks]

**Question 4**

To facilitate learning how would you modify the environment and what conditions would you consider for adult learning? [25]