

2nd SEM 302/2015/16 Suppl.



UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION

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**

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QUESTION 1

- (a) Give nine (9) principles of learning used in case studies. (9)
- (b) Rosenshire 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”. Name the five (5) factors they identified and give two (2) examples of practices of each factor. (15)
- (c) Explain what is meant by “a teacher is role model”. (1)

Total Marks [25]

QUESTION 2

- (a) Identify three (3) conditions an objective should meet as set forth by Merger (1984). (3)
- (b) Explain what is meant when it is said that an objective must be SMART? (5)
- (c) Methodologies are only approaches that teachers use to capture students’ interest and motivate them to learn the information provided. According to Beach and Reinhartz (1980), the teaching from which students learn the most is one in which the teacher does seventeen practices. Identify these seventeen (17) practices. (17)

Total Marks [25]

QUESTION 3

- (a) Giving six (6) relevant examples per test item, describe the construction of supply test items. (12)
- (b) Outline the seven (7) principles of test construction. (7)
- (c) Briefly explain the limitations of six (6) essay questions. (6)

Total Marks [25]

Question 4

- (a) Explain the importance of grades in agricultural education. (18)
- (b) Describe the uses of means, median and mode for analysis of agricultural education test data. (7)

Total Marks [25]