



2nd SEM. 2016/2017-MAIN

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UNIVERSITY OF SWAZILAND

MAIN EXAMINATION PAPER

PROGRAMME:

**BACHELOR OF SCIENCE IN
AGRICULTURAL EDUCATION, YEAR ONE**

COURSE CODE:

AEE 102

TITLE OF PAPER:

**INSTRUCTIONAL COMMUNICATION AND
TECHNOLOGY**

TIME ALLOWED:

TWO (2) HOURS

INSTRUCTION:

ANSWER ALL (4) QUESTIONS

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THE CHIEF INVIGILATOR**

QUESTION 1

Discuss the roles of information and communication technologies (ICTs) in teaching agriculture.

[25 Marks]

QUESTION 2

2.1 Describe the importance of using instructional materials in the teaching of agriculture in secondary schools.

[10 Marks]

2.2 Describe the application of the ABC rule when developing instructional material.

[9 Marks]

2.3 Describe how the school community can be a resource in the teaching of agricultural education.

[6 Marks]

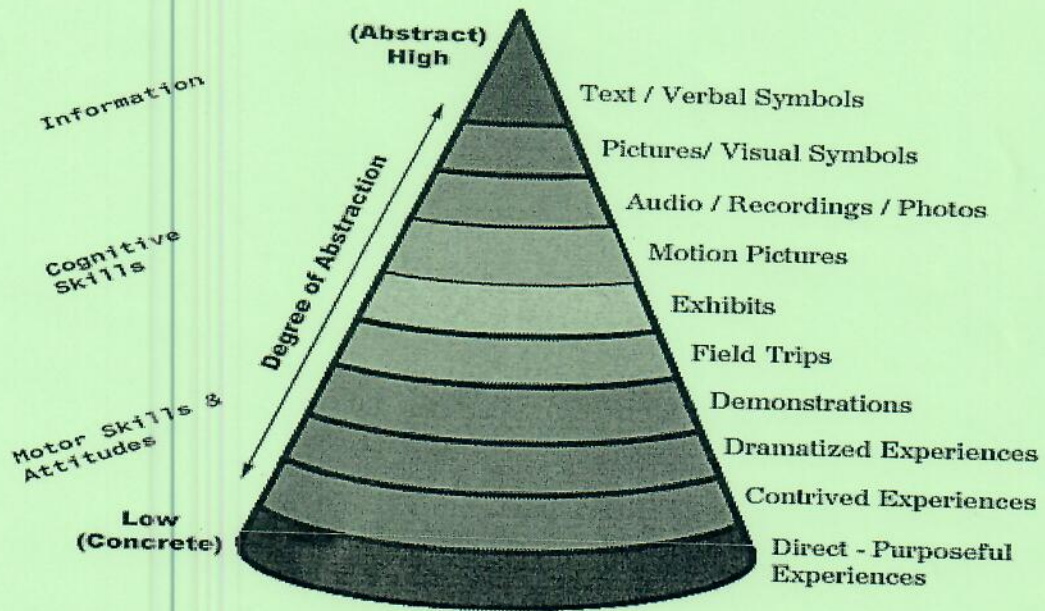
QUESTION 3

3.1 Shannon's Model of communication is essential for effective teaching. Briefly describe the importance of understanding the Shannon's model of communication in the teaching of agriculture.

[10 Marks]

3.2 Figure 1. is Dale's Cone of Experience Model. Interpret the Model in relation to the teaching of agriculture.

[15 Marks]



QUESTION 4

Describe how you can apply the following in developing or using instructional materials in teaching agriculture:

- 4.1 Artefacts
- 4.2 Colouring
- 4.3 Realia
- 4.4 Poster
- 4.5 Overhead projector
- 4.6 Chalk board
- 4.7 Opaque projector
- 4.8 Flash cards
- 4.9 Models
- 4.10 Still pictures
- 4.11 Audio
- 4.12 Video
- 4.13 Handouts

[25 Marks]