UNIVERSITY OF ESWATINI

FINAL EXAMINATION PAPER

PROGRAMME	:	**BACHELOR OF SCIENCE IN CONSUMER SCIENCE EDUCATION YEAR IV**
COURSE CODE	:	**CED410**
TITLE OF PAPER	:	**MEASUREMENT AND EVALUATION IN EDUCATION**
TIME ALLOWED	:	**TWO (2) HOURS**
INSTRUCTIONS	:	**ANSWER QUESTION ONE (1) AND ANY OTHER (2) QUESTIONS**

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QUESTION 1 (COMPULSORY)

(a) Identify and discuss **six (6)** general tips in test construction. [18 Marks]

(b) One of the methods used to calculate reliability of a teacher made test is Test Re-Test reliability. Below is a table with scores of six students who sat for a Fashion and Fabrics test in June and sat for the same test in July.

(i) Showing your calculations clearly, calculate the Test Re-Test reliability. [16 Marks]
(ii) Explain what the reliability co-efficient means about the test. [2 Marks]

Table 1: Students who sat for the same Fashion and Fabrics test both in June and July

STUDENT	JUNE	JULY
1	43	99
2	21	65
3	25	79
4	42	75
5	57	87
6	59	81

(c) Identify and explain **two (2)** strategies you can implement to improve reliability of a test.

[4 Marks]

[TOTAL MARKS = 40]

QUESTION 2

(a) Describe the qualitative and quantitative variables of measurement, citing examples for each [6 Marks]

(b) Identify and explain the methods of moderation. [20 Marks]

(c) Explain why moderation is important in assessment. [4 Marks]

[TOTAL MARKS = 30]

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QUESTION 3

(a) What is meant by performance assessment?   [4 Marks]

(b) Using examples, discuss the types of performance assessment relative to:

    i.   Process vs. product   [5 Marks]
    ii.   Simulated vs. real settings   [5 Marks]

(c) Statisticians call an attribute on which observations differ, a variable. The type of unit on which a variable is measured is called a scale. Identify and explain the **four (4)** traditional types of measurement scales.   [16 Marks]

[TOTAL MARKS = 30]

QUESTION 4

(a) State the advantages and disadvantages of using Multiple choice questions.   [10 Marks]

(b) List **five (5)** suggestions for writing Multiple choice test items.   [5 Marks]

(c) Suggest and explain **five (5)** guidelines for constructing an Essay question.   [15 Marks]

[TOTAL MARKS = 30]