



2nd SEM. 2018/2019

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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**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR**

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 test is Split-Half Reliability Spearman Brown Formula. Now that we have our two halves of the test in the table below;
- Showing your calculations clearly, calculate the Pearson Product-Moment Correlation between them. (12 Marks)
 - Explain what the reliability co-efficient means about the test. (2 Marks)

	1st Half	2nd Half
1	17	22
2	21	17
3	21	17
4	18	19
5	18	19
6	16	13
7	19	18
8	22	18
9	18	23
10	19	20
11	20	19
12	15	17
13	17	18
14	12	17

- (c) Discuss **five (5)** strategies you can implement to improve reliability of a test.

(8 Marks)

[TOTAL MARKS = 40]**QUESTION 2**

- (a) Discuss the following terms giving examples to clarify
- Test/Testing
 - Assessment
 - Measurement
 - Evaluation

(12 Marks)

- (b) Give a classroom scenario to demonstrate the relationship among them.

(3 Marks)

- (c) Discuss **five (5)** functions of tests in education.

(15 Marks)

[TOTAL MARKS = 30]

QUESTION 3

- (a) What is meant by performance assessment? (5 Marks)
- (b) 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.. (15 Marks)

[TOTAL MARKS 30]**QUESTION 4**

- (a) State the advantages and disadvantages of using a True/False questions. (10 Marks)
- (b) List **five (5)** suggestions for writing True-False test items. (5 Marks)
- (c) A typical essay test usually consists of a small number of questions to which the student is expected to recall and organize knowledge in logical, integrated answers. Suggest and explain **five (5)** guidelines for constructing an Essay question. (15 Marks)

[TOTAL MARKS = 30]