



**FACULTY OF EDUCATION**

**DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT  
SUPPLEMENTARY EXAMINATION PAPER  
JULY 2013**

**COURSE CODE : EDF 323:**

**TITLE OF PAPER :i) Educational Evaluation: B. Ed III (Part Time)  
ii) Educational Evaluation: B.Ed. III (Full Time)**

**TIME ALLOWED : THREE (3) HOURS**

**INSTRUCTIONS : ANSWER QUESTION ONE (1) AND ANY  
OTHER TWO QUESTIONS OF YOUR CHOICE.**

**TOTAL MARKS 100**

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION TO DO SO HAS BEEN  
GRANTED BY THE INVIGILATOR.**

**ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS OF YOUR CHOICE**

**Question 1: Compulsory**

A single test of 25 items was administered and graded twice within a period of 2 months to a group of 6 students. The two attempts records are presented in the table below.

Students	A	B	C	D	E	F
1 <sup>st</sup> Attempt	6	3	7	2	1	5
2 <sup>nd</sup> Attempt	8	5	6	0	4	7

Use the information to answer the questions that follow:

- (a) Differentiate between reliability and validity (5 marks)
- (b) Method of determining reliability has been used in the scenario presented above. (5 marks)
- (c) Use the Pearson Product Moment Correlation coefficient to compute the correlation coefficient and interpret (20 marks)
- (d) Draw a scatter diagram that shows the students performance on the two attempts of the same test. (10 marks)

**Total marks [40 marks]**

**Question 2**

Write explanatory notes on each of the following.

- a) The value of essay tests
- b) Requirements of a usable test
- c) The test – retest method of estimating reliability
- d) Challenges of assessing a product
- e) The value of test item analysis

6 marks each - **Total [30 marks]**

**Question 3**

Explain the concept of measurement and evaluation as applied in education. Discuss fully how measurement and evaluation can be used to improve teaching and learning in a classroom situation.

**[30marks]**

**Question 4**

What do you understand by the term test usability? Using suitable illustrations, explain at least five aspects that would render a test usable or unusable.

**[30 marks]**

**END OF EXAM PAPER**