

UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION



DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

DECEMBER, 2011

FINAL EXAMINATION PAPER

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.**

SPECIAL CONDITION : SCIENTIFIC CALCULATORS ARE NEEDED

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

Eight pupils wrote a test and obtained the following scores:

| Pupils | Scores |
|--------|--------|
| A | 5 |
| B | 6 |
| C | 7 |
| D | 4 |
| E | 4 |
| F | 8 |
| G | 9 |
| H | 10 |

From this set of scores, compute:

- a) The mean (5 marks)
- b) The mode (5marks)
- c) The median (5 marks)
- d) The inclusive range (5 marks)
- e) The variance (5 marks)
- f) The standard deviation (5 marks)
- g) The Z-score of pupil D and discuss its meaning (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