UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

May, 2013

FINAL EXAMINATION PAPER

COURSE CODE	:	EDF 321
TITLE OF PAPER	:	MEASUREMENT AND TESTING
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)   Two advantages of process assessment
   (b)   Two ways of improving the reliability of an essay test.
   (c)   The split- half method of estimating reliability.
   (d)   Processing test scores after marking a test.
   (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

a) Explain fully the concept of formative assessment. (5marks)

b) Citing examples from the school system, give a full analysis of the challenges faced by teachers in their attempt to implement formative assessment.

(25 marks)

[30 marks]

END OF EXAM PAPER