

UNIVERSITY OF SWAZILAND



FACULTY OF EDUCATION

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

MAY/JUNE, 2012

FINAL EXAMINATION PAPER

COURSE CODE : EDF321

**PROGRAMMES : POST-GRADUATE CERTIFICATE IN
EDUCATION (PGCE) PART-TIME**

TITLE OF PAPER : MEASUREMENT AND TESTING

TIME ALLOWED : THREE (3) HOURS

INSTRUCTIONS : ANSWER ALL QUESTIONS

TOTAL MARKS : 100 MARKS

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

QUESTION 1

A group of 40 students obtained the following scores in a History test. Examine the data below and then answer the questions that follow.

10, 10, 4, 7, 1, 7, 10, 7, 10, 7, 5, 8, 11, 7, 10, 8, 13, 9, 9, 8, 11, 9, 8, 6, 5, 9, 9, 10, 5, 9, 13, 2, 12, 7, 13, 11, 8, 11, 14, 4.

- (a) Re-arrange the data in descending order. (5 marks)
- (b) Calculate the mean for the ungrouped data. (5 marks)
- (c) Using a class interval of 3 and taking 0-2 as your lowest class interval, report the marks in a frequency distribution with the following columns:

Class Interval	Mid-Point	Frequency	Mid-Point X Frequency

(20 marks)

- (d) Calculate the mean for the grouped data you have shown in the frequency table in (c) above. (5 marks)
- (e) Explain why the mean for the ungrouped data in (b) is different from the mean of the grouped data obtained in (d). (5 marks)

QUESTION 2

Giving examples where applicable, differentiate between:

- (a) measurement and evaluation (10 marks)
- (b) formative and summative evaluation (10 marks)
- (c) criterion-referenced and norm – referenced evaluation. (10 marks)

QUESTION 3

What do you understand by ‘item analysis’? Explain the importance of item analysis. (30 marks)

END OF EXAMINATION PAPER