

UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION



DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

July, 2015

Supplementary paper

COURSE CODE :EDF 321

TITLE OF PAPER :Measurement and Testing PGCE Full Time

TIME ALLOWED :THREE (3) HOURS

**INSTRUCTIONS :This paper is divided into TWO Sections.
Please answer any two questions from each section.**

TOTAL MARKS 100

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

Section A

Answer any two questions in this section

Question one

- (a) What is the difference between Norm referenced and Criterion referenced evaluation ?
- (b) Explain how these two processes are helpful in improving practice in schools/organisations-support your answer with examples?

(25 marks)

Question Two

- (a) What is item analysis?
- (b) Explain the importance of item analysis in improving practice in schools or in educational organisations such as the Examination Council?

(25 marks)

Question Three

- (a) What is the difference between assessment and evaluation? Please explain their roles in promoting teaching and learning in schools. Please give examples **(25marks)**

Section B. Please answer any two from this section

Question 1

- (a) Validity and reliability are key processes for promoting teaching and learning in schools. Please define these terms and explain their roles in promoting teaching and learning in schools. **(25 marks)**

Question 2

- (a) What is the difference between these concepts, the difficulty level and the discrimination level index and explain how these concepts help in improving practice in schools.
- (b) Calculate the discrimination index of these following questions and make some critical interpretations.

Students	scores	Questions		
		One	Two	three
Janne	90	1	0	1
Betty	90	1	0	1
John	80	0	0	1
Henry	80	1	0	1
Sonia	70	1	0	1
Moses	60	1	0	0
cliford	60	1	0	1
Justice	50	1	1	0
Tom	50	1	1	0
Zizwe	40	0	1	0

Key: 1 correct answer
0 wrong answer

(25 marks)

Question 3

(a) Set of scores: 18, 18, 17, 17, 16, 16, 15, 15, 14, 14, 13, 13, 12, 12.

From this set of scores calculate the following:

(i) Mean;

(ii) Variance;

(iii) Standard Deviation and make some interpretations. Please make some interpretations. 25 marks

END OF THE PAPER