

UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION



DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

December , 2014

EXAMINATION 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 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 assessment and evaluation? Please explain their roles in promoting teaching and learning in schools. **(25marks)**

Question 3

- (a) What is the difference between criterion referenced measurement and norm referenced measurement? Please explain their roles in promoting teaching and learning in schools. **(25 marks)**

Section B (Please answer any two questions)

Question 1

- (a) What is item analysis and discuss its role in improving practice in Schools.
- (b) Calculate the difficulty level of these following questions and make some critical interpretations.

Questions	A	B	C	D
1	0	3	*24	3
2	*12	13	3	2

Key* shows the correct answer. (25 marks)
without a star-wrong answer.

Question 2

- (a) What is the difference between these concepts, the difficulty level and the discrimination level index and explain how these 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
o 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.

END OF THE PAPER