

UNIVERSITY OF SWAZILAND



FACULTY OF EDUCATION

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

MAY, 2013

FINAL EXAMINATION PAPER

COURSE CODE : **EDF322**

PROGRAMMES : **Bachelor of Education III (B.Ed. III) Full-Time**
Bachelor of Education III (B.Ed. III) Part-Time
Post-Graduate Certificate in Education (PGCE) Part-Time

TITLE OF PAPER : **EDUCATIONAL RESEARCH**

TIME ALLOWED : **THREE (3) HOURS**

INSTRUCTIONS : **ANSWER ALL QUESTIONS**

TOTAL MARKS : **100**

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

QUESTION 1

A lecturer is of the opinion that B.Ed. students are more accepting to the inclusion of blind pupils in regular classes than PGCE students. He randomly selected 50 B.Ed. students and 50 PGCE students and administered a questionnaire.

- (a) State: (i) the research problem in question form (5 marks)
(ii) the lecturer's assumption. (5 marks)
(iii) a null hypothesis the lecturer might formulate (5 marks).
- (b) (i) What sampling design did the lecturer use? (5 marks)
(ii) Why do you think that this sampling design was appropriate/inappropriate? (10 marks)
- (c) Justify the use of the questionnaire in this study. (10 marks)

QUESTION 2

Giving examples where appropriate, differentiate between:

- (a) primary and secondary sources in historical research (10 marks)
(b) participant and non-participant observation. (10 marks)
(c) probability and non-probability sampling designs (10 marks)

QUESTION 3

A class of ten (10) pupils wrote a test and obtained the following scores : 15, 8, 14, 16, 12, 15, 7, 18, 4, 19.

- (a) Find the : (i) mean score (3 marks)
(ii) mode (3 marks)
(iii) median (3 marks)
(iv) inclusive range (3 marks)
(v) the variance and discuss its meaning 8 marks).
- (b) State : (i) the significance of z- scores in statistics (3 marks)
(ii) three major differences between Bar graphs and Histograms (3 marks).
- (c) Both Pearson's Product moment and Spearman's Rank order correlations are good correlations measures.
- (i) State two major differences between them. (2 marks)
(ii) Which of the two is a better measure and why? (2 marks)

END OF EXAMINATION PAPER