

UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION



DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

FOR

INSTITUTE OF DISTANCE EDUCATION AND FULL TIME PROGRAMMES

SUPPLEMENTARY EXAMINATION PAPER – **JULY 2015**

BACHELOR OF EDUCATION 111 (B.Ed.) Full-Time

BACHELOR OF EDUCATION 111 (B.Ed.) Part-Time

POSTGRADUATE CERTIFICATE IN EDUCATION (PGCE) Part-Time

COURSE CODE : EDF 322

TITLE OF PAPER : EDUCATIONAL RESEARCH

TIME ALLOWED : THREE HOURS

INSTRUCTIONS : ANSWER ANY **THREE** QUESTIONS OF  
YOUR CHOICE

TOTAL MARKS : 100

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

1. Define **any five** of the following terms as they are used in research

- a. The mean (6.66 marks)
- b. Frequency (6.66 marks)
- c. Standard deviation (6.66 marks)
- d. Variance (6.66 marks)
- e. Median (6.66 marks)
- f. Range (6.66 marks)
- g. Mode (6.66 marks)

**Total [33, 3 marks]**

2. Citing any five examples, compare and contrast the qualitative and quantitative research designs (33,3 marks)

3. Discuss the importance of formulating research objectives and/or questions in a study (33, 3 marks)

4. Discuss the importance of a research proposal in research (33, 3 marks)

5. **Table 1** below is a data set of marks obtained by 10 PGCE students in Educational Psychology and Sociology of Education In-Class tests.

**Table 1**

Student	A	B	C	D	E	F	G	H	I	J
Educational Psychology (X)	62	71	72	62	74	83	54	78	67	57
Sociology of Education (Y)	63	61	51	62	58	48	75	57	60	75

5.a. Calculate the median of the Educational Psychology marks (6.66 marks)

5.b. Locate the mode of Sociology of Education marks (6.66 marks)

- 5.c. Calculate the mean of the Educational Psychology marks **(6.66 marks)**
- 5.d. Compute the mean of the Sociology of Education marks **(6.66 marks)**
- 5.e. Find the standard deviation of the Sociology of Education marks **(6.66 marks)**
- 5.f. Suppose the standard deviation of the Educational Psychology is 9.29, determine the subject in which student D did better **(6.66 marks)**