

**UNIVERSITY OF SWAZILAND****DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND  
MANAGEMENT****FINAL EXAMINATION PAPER, MAY 2011**

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| <b>COURSE CODE</b>    | <b>:</b> | <b>EDF 320: II<br/>EDF 322</b>                                                                                 |
| <b>STUDENTS</b>       | <b>:</b> | <b>BACHELOR OF EDUCATION (B.Ed.) FULL TIME<br/>POST GRADUATE CERTIFICATE IN EDUCATION<br/>(PGCE) PART-TIME</b> |
| <b>TITLE OF PAPER</b> | <b>:</b> | <b>EDUCATIONAL RESEARCH</b>                                                                                    |
| <b>TIME ALLOWED</b>   | <b>:</b> | <b>THREE (3) HOURS</b>                                                                                         |
| <b>INSTRUCTIONS</b>   | <b>:</b> | <b>ANSWER ALL QUESTIONS</b>                                                                                    |
| <b>TOTAL MARKS</b>    | <b>:</b> | <b>100</b>                                                                                                     |

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

### QUESTION 1

A researcher wanted to see if the attitudes of B.Ed. and PGCE students towards the inclusion of blind pupils in regular classes differed in any way. She randomly selected 60 B.Ed. students and 60 PGCE students and administered a questionnaire.

- (a) State: (i) the research problem in question form. (5 marks)  
(ii) a null hypothesis she might formulate. (5 marks)  
(iii) an alternate hypothesis she might formulate. (5 marks)
- (b) (i) What sampling design did the researcher use? (5 marks)  
(ii) Why do you think that this sampling design was appropriate/inappropriate? Explain fully. (10 marks)
- (c) What were the advantages of using a questionnaire in this particular study? (10 marks)

### QUESTION 2

Discuss how you would write a research proposal and state why you think education research is important.

(30 marks)

### QUESTION 3

A class of 8 pupils wrote a test and obtained the following scores: 14, 8, 4,7, 15, 14, 16, 12.

- (a) Find the (i) inclusive range. (3 marks)  
(ii) mean. (3 marks)  
(iii) mode. (3 marks)  
(iv) median. (3 marks)
- (b) If we were to add two different very low scores to the above distribution, which measure of central tendency would:
- (i) change the most? (6 marks)  
(ii) change somewhat? (6 marks)  
(iii) not change at all. (6 marks)

Explain each of your answers.

**END OF QUESTION PAPER.**