

**UNIVERSITY OF SWAZILAND
DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE &
PLANNING**

SUPPLEMENTARY EXAMINATION PAPER JULY 2009

B.A., BASS, B.Ed, B.Sc

TITLE OF PAPER : RESEARCH METHODS IN GEOGRAPHY

COURSE NUMBER : GEP 323

TIME ALLOWED : THREE HOURS

**INSTRUCTIONS : SECTION A IS COMPULSORY
ANSWER ANY TWO (2) QUESTIONS, ONE
FROM SECTION B AND ONE FROM
SECTION C.
ILLUSTRATE YOUR ANSWERS WITH
APPROPRIATE DIAGRAMS.**

**MARK ALLOCATION : QUESTION ONE (1) CARRIES 40 MARKS.
THE REST OF THE QUESTIONS CARRY 30
MARKS.**

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

GEP 323 RESEARCH METHODS IN GEOGRAPHY

SUPPLEMENTARY PAPER

SECTION A: COMPULSORY QUESTION

QUESTION 1

- a) Outline the various components of a research report. (20 marks)
- b) Using examples, explain the sources of bias error in research. (10 marks)
- c) Explain the common sources of measurement error in research. (10 marks)

40 marks]

SECTION B: ANSWER ONE QUESTION FROM THIS SECTION

QUESTION 2

Outline the main steps that you would follow when carrying out a survey based on the deductive research process. (30 marks)

QUESTION 3

- a) Discuss the major ethical issues that arise in scientific research. (15 marks)
- b) Using examples, explain how you would take precautions to ensure confidentiality of responses and subjects' privacy in research projects. (15 marks)

[30 marks]

SECTION C: ANSWER ONE QUESTION FROM THIS SECTION

QUESTION 4

- a) Explain how time is treated in research designs. (10 marks)
- b) Identify and describe the types of designs that factor the time dimension. (20 marks)

[30 marks]

QUESTION 5

- a) Explain the logic underlying the use of pre-experimental designs. (10 marks)
- b) Discuss the different types of pre-experimental designs. (20 marks)

[30 marks]