

UNIVERSITY OF SWAZILAND
DEPARTMENT OF STATISTICS & DEMOGRAPHY
FINAL EXAMINATION, 2018
BASS

TITLE OF PAPER: RESEARCH TECHNIQUES

COURSE CODE: DEM 316

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY THREE (3) QUESTIONS

MARKS ALLOCATION: ALL QUESTIONS CARRY 20 MARKS

SPECIAL REQUIREMENTS: NONE

**THIS QUESTION PAPER SHOULD NOT BE OPENED UNTIL PERMISSION
HAS BEEN GRANTED BY THE INVIGILATOR.**

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Question: 1

- a) Discuss the Inductive and Deductive approaches in research, use examples to illustrate your answer **15 points**
- b) Give a definition of research **5 points**

Question: 2

Discuss the following:

- I Dependent variable
- Ii Control variable
- Iii Continuous variable
- Iv Nominal variable
- V Ordinal variable **20 points**

Question: 3

- a) What is a spurious association or relationship? Present a fictitious example **4 points**
- b) Define a hypothesis, and discuss its function and importance in research **10 points**
- c) Causal relationships (Cause and effect) exist if four conditions are met. List the four conditions. **6 points**

Question: 4

- i) How does a Conceptual Framework differ from Literature Review?
10 points
- ii) How do Data Limitations and Research Limits differ in a study?
10 points

Question: 5

- a) Define the following and when they are used appropriately in research reports
 - i) Footnotes
 - ii) "op cit" **8 points**
- b) Discuss briefly any three (3) mistakes that need to be avoided when formulating a questionnaire. **12 points**