

**UNIVERSITY OF SWAZILAND**  
**DEPARTMENT OF STATISTICS & DEMOGRAPHY**  
**SUPPLEMENTARY EXAMINATION, 2013**  
**BASS**

**TITLE OF PAPER: RESEARCH TECHNIQUES IN DEMOGRAPHY**

**COURSE CODE: DEM 305**

**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.**

**DEM– 305 SUPPLEMENTARY EXAMINATION MAY-2013**

**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**

Define the following:

- A) Objectives
- B) Rationale
- C) Hypothesis (es)
- D) Conceptual Framework
- E) Literature Review
- F) Limits of Research
- G) Data Limitations

**20 points**

**Question: 5**

- a) Explain what footnotes are and how they differ from references (in text) **4 points**
- b) Present a “Statement of the Problem” of a fictitious study. **12 points**
- c) Data limitations. What are these? Present an example. **4 points**