

**UNIVERSITY OF SWAZILAND**  
**DEPARTMENT OF STATISTICS & DEMOGRAPHY**  
**FINAL EXAMINATION, 2015**  
**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 FINAL EXAMINATION DECEMBER-2015**

### **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**

You are tasked with investigating the relationship between condom use levels and patterns amongst University students, and the levels of sexually transmitted diseases.

- a) Write a brief Introduction and a Statement of the Problem to this study **12 points**
- b) What is the difference between a Conceptual Framework and Theoretic Framework? **8 points**

### **Question: 3**

- a) What are data limitations and how do they differ from research limitations? **4 points**
- b) Why are causal relationships difficult to discover in reality? Explain using the pre-conditions of causality. **12 points**
- c) Explain what footnotes are and how they differ from references (in text). **4 points**

### **Question: 4**

Variables can be measured in three different levels. Using examples discuss all three levels. **20 points**

**Question: 5**

a) Explain what footnotes are and how they differ from references (in text).  
**8 points**

b) What are the main features of a Methodology in a research paper? Explain what is entailed in the different sections.  
**12 points**