

**UNIVERSITY OF SWAZILAND**  
**DEPARTMENT OF STATISTICS & DEMOGRAPHY**  
**SUPPLEMENTARY EXAMINATION, 2018**  
**BASS**

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

**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.**

**Question: 1**

- a) The acquisition of knowledge can be done using different modes: Authoritarian, Mystic and Rationalistic. Explain these modes of knowledge acquisition **15 points**
- b) What is a dichotomous variable, give an example **5 points**

**Question: 2**

- a) Variables can be measured in three different levels. Using examples discuss all three levels. **15 points**
- b) What is a spurious association or relationship? Present a fictitious example **5 points**

**Question: 3**

- a) What are the main features of a Methodology in a research paper? Explain what is entailed in the different sections **10 points**
- b) What are Causal relationships and under what conditions do they exist? **10 points**

**Question: 4**

- a) Footnotes, Endnotes, References in text, Bibliography, are types of referencing. Using properly constructed fictitious examples explain each one of them **12 points**
- b) Briefly discuss the differences between a Theoretical and Conceptual Framework **8 points**

**Question: 5**

- a) Present a standard (fictitious) Table of Content of a Research Project **8 points**
- b) What is the difference between Objectives of a study and the Justification of a study? Present a fictitious example **12 points**