

**UNIVERSITY OF ESWATINI**  
**DEPARTMENT OF STATISTICS & DEMOGRAPHY**  
**SUPPLEMENTARY EXAMINATION, 2019**  
**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) Variables can be at three different scale levels: Nominal, Ordinal and Interval/Ratio scale. Using examples briefly discuss **15 points**
- b) What is a double barrel question, give an example **5 points**

**Question: 2**

- a) What are the main features of a Methodology in a research paper? Explain what is entailed in the different sections **15 points**
- b) What is a spurious association or relationship? **5 points**

**Question: 3**

- a) Causality is very difficult to prove in the social sciences. Why this is the case? In your answer elaborate on the role of intermediate variables and the conditions of its existence. Give an appropriate example. **15 points**
- b) In research, the Background and the Introduction are similar but different. Briefly discuss how. **5 points**

**Question: 4**

- a) Footnotes, Endnotes, References in text, Bibliography, are types of referencing. Using properly constructed fictitious examples explain each one of them **15 points**
- b) Definition of Terms in research is necessary to help delineate the study. How? **5 points**

**Question: 5**

- a) In Social Science research a confidentiality clause is always part of the questionnaire. Why this is the case. Discuss at least two reasons and present a fictitious "Confidentiality Clause" **15 points**
- b) What is the difference between Objectives and the Rationale of a study **5 points**