

# **UNIVERSITY OF SWAZILAND**

**DEPARTMENT OF STATISTICS AND DEMOGRAPHY**

**FINAL EXAMINATION 2016**

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

**COURSE CODE : DEM 305**

**TIME ALLOWED : TWO (2) HOURS**

**INSTRUCTIONS : ANSWER ANY THREE QUESTIONS**

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

**Question 1**

**[Total= 25marks]**

- a. Outline three attributes of academic or scholarly research. [6]
- b. Explain what is meant by the following that pertains to academic principles and standards for quality research:
  - i. Plagiarism; [2]
  - ii. Research ethics; [2]
  - iii. Referencing. [2]
- c. Present a fictitious example showing the **Harvard** referencing style for the following sources:
  - i. An article in a journal; [3]
  - ii. A book. [2]
- d. State four reasons why it is important to adhere to ethical norms in research. [8]

**Question 2**

**[Total=25 marks]**

- a. Compare personal interviews mode over telephone interviews mode of data collection with respect to advantages and differences. [15]
- b. Explain what is meant by computer assisted data collection methods. Briefly outline their advantages and disadvantages. [10]

**Question 3**

**[Total=25 marks]**

- a. State and define three basic non-probability and probability sampling techniques. [15]
- b. Discuss the main advantages and disadvantages of probability sampling over non-probability sampling. [10]

**Question 4**

**[Total=25 marks]**

Discuss the features and importance of review of related literature while conducting academic research.

**Question 5**

**[Total=25 marks]**

- a. Define and outline the features of a good research design. [5]
- b. Explain in brief the purpose and characteristics of following research designs:
  - i. Case study design; [10]
  - ii. Correlational survey design; [10]