

UNIVERSITY OF SWAZILAND

**FINAL EXAMINATION PAPER
YEAR 2007**

**COURSE TITLE: RESEARCH TECHNIQUES IN
DEMOGRAPHY**

COURSE NUMBER: DEM 305

TIME ALLOWED: 2 (TWO) HOURS

**INSTRUCTIONS: ANSWER ANY 3 (THREE)
QUESTIONS**

SPECIAL REQUIREMENTS: NONE

Question 1

- a) In research there are three levels of measurement: Nominal, Ordinal and Interval. Using examples discuss these measurement scales [9]
- b) Define a hypothesis, and discuss its functions and importance in research. [11]

Question 2

- a) In the collection of primary data, sample surveys are often employed. Discuss fully any four sampling methods that can be used to pick a sample. [16]
- b) Discuss fully a spurious relationship in research [4]

Question 3

- a) Causal relationships (Cause and Effect) exist if four conditions are met. List the four conditions. [8]
- b) In questionnaire design certain precautions should be taken for optimum data collection, i.e. avoiding ambiguous questions, composite questions and long winding questions. Present three fictitious questions with the above negative characteristics [12]

Question 4

- a) Present a bibliography(fictitious) showing the following sources: an article in a journal; a chapter in an edited book, a book by one author, an author who has published more than one book. [16]
- b) Explain what footnotes are and how they differ from references (in text) [4]

Question 5

- a) How does a Rationale differ from a set of objectives in research [8]
- b) Discuss using an example, 2 variable and 3 variable cross-tabulated tables [12]