

UNIVERSITY OF SWAZILAND
DEPARTMENT OF STATISTICS & DEMOGRAPHY
SUPPLEMENTARY EXAMINATION, 2016
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 SUPPLEMENTARY EXAMINATION JULY-2016

Question: 1

- a) Present a “Table of Content” for a research project. **8 points**
- b) Within each of the sections in the “Table of Content” write a few sentences as an example of each of the sections. Ensure that the content flows from the beginning to the end. **12 points**

Question 2

You are tasked with investigating the relationship between fertility patterns of females aged between 15 and 49 years, and the number of sexual relations they have had, and duration of these relationships.

- a) Which type of research do you think would best suit such an investigation? Inductive or Deductive approach? Explain your answer **2 points**
- b) Write a brief Introduction (not more than a page) to a research proposal for such an investigation. **10 points**
- c) What is the difference between a Conceptual Framework and Literature Review? **4 points**
- d) Limits of Research and Data Limitations. Are these different? Explain your answer. **4 points**

Question: 3

- a) What is a spurious association or relationship? Present a fictitious example **4 points**
- b) Define a hypothesis, and discuss its function and importance in research. **10 points**
- c) Causal relationships (Cause and effect) exist if four conditions are met. List the four conditions. **6 points**

Question: 4

Define the following:

- A) Objectives
- B) Rationale
- C) Conceptual Framework
- D) Literature Review
- E) Data Limitations

20 points

Question: 5

Discuss the following:

- i Dependent variable
- ii Control variable
- iii Continuous variable
- iv Nominal variable
- v Ordinal variable

20 points