

UNIVERSITY OF SWAZILAND



MAIN EXAMINATION PAPER 2015

TITLE OF PAPER : STATISTICAL DATA PROCESSING

COURSE CODE : ST 206

TIME ALLOWED : TWO (2) HOURS

INSTRUCTIONS : ANSWER ANY THREE QUESTIONS.

Question 1

How are the following data processing concepts related:

- a) Coding scheme vs. Data dictionary
- b) Data set vs. Database
- c) Flat ASCII file vs. Hierarchical ASCII file
- d) Editing for analysis vs. In-house editing
- e) Value labels vs. Variable labels

(20 Marks)

Question 2

The Central Statistical Office (CSO) carries out Swaziland Household Income and Expenditure Surveys every five years. The last survey was carried out in 2010, and the next survey will be done in near future. Advise the Data Processing Unit at CSO on issues of data capture and subsequent data sharing with her stakeholders.

(20 Marks)

Question 3

Outline how issues of data quality hinge on survey data processing.

(20 Marks)

Question 4

Discuss with the help of suitable examples the key issues that mark editing and imputation to be linked yet distinct concepts.

(20 Marks)

Question 5

Discuss the fundamental rules of coding in survey data processing.

(20 Marks)