

UNIVERSITY OF SWAZILAND



SUPPLEMENTARY EXAMINATION PAPER 2016

TITLE OF PAPER : STATISTICAL DATA PROCESSING

COURSE CODE : ST 206

TIME ALLOWED : TWO (2) HOURS

INSTRUCTIONS : ANSWER ANY THREE QUESTIONS.

Question 1

Compare and contrast the following data processing concepts:

- a) Coding manual vs Data dictionary
- b) Data file vs Data record
- c) ASCII file vs Hierarchical 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 2016 survey is currently going on. Advise the Data Processing Unit at CSO on issues of the data file types, format, and structure(s) for the 2016 survey.

(20 Marks)

Question 3

Discuss the fundamental rules of coding in survey data processing.

(20 Marks)

Question 4

Discuss with help of suitable examples various steps involved in data processing.

(20 Marks)