

**UNIVERSITY OF SWAZILAND**



**MAIN EXAMINATION PAPER 2013**

**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 next survey will be done in 2015. Advise the Data Processing Unit at CSO on issues of the data file types, format, and structure(s) for the 2015 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)