

UNIVERSITY OF SWAZILAND



SUPPLEMENTARY EXAMINATION PAPER 2011

TITLE OF PAPER : STATISTICAL DATA PROCESSING

COURSE CODE : ST 206

TIME ALLOWED : TWO (2) HOURS

INSTRUCTIONS : ANSWER ANY THREE QUESTIONS.

Question 1

- a) Discuss if it is necessary to use a pre-coded questionnaire for a national survey? (10 Marks)
- b) What are the guidelines that are followed in a coding process? (10 Marks)

Question 2

Below is sample of 10 responses , in ASCII flat format, extracted from a survey dataset.

```
212111412
113124211
215144311
214144412
213143411
124341311
215144321
113343311
215144311
214344322
```

Draft an SPSS Syntax program that can be run and open the data in the Data Editor with variable and value labels.

(20 Marks)

Question 3

Discuss the necessity for editing to be carried out in national survey data processing practices. (20Marks)

Question 4

Recommend and describe four appropriate *deterministic imputation methods* to an agency that wants to do a national household survey in Swaziland.

(20 Marks)