

UNIVERSITY OF ESWATINI
FACULTY OF EDUCATION
DEPARTMENT OF ADULT EDUCATION
DIPLOMA IN ADULT EDUCATION LEVEL III
MAIN EXAMINATION, JUNE 2020

PAPER TITLE: INTRODUCTION TO DATA ANALYSIS

COURSE CODE: AED302

INSTRUCTIONS:

1. ANSWER FOUR QUESTIONS, TWO FROM EACH SECTION
2. ANSWER EACH SECTION IN A SEPARATE ANSWER BOOKLET

SECTION A: QUALITATIVE DATA ANALYSIS

Answer any two (2) questions from this section.

Question 1

- (a) What do you understand by qualitative data? (5)
- (b) Mention four types of qualitative data? (10)
- (c) What do you understand by qualitative data analysis? (5)
- (d) Why is “text” very important in qualitative data analysis? (5)

Question 2

Mention and discuss five steps to follow when analysing qualitative data? (25)

Question 3

- (a) What does inductive approach mean? (5)
- (b) What does deductive approach mean? (5)
- (c) What does triangulation mean in qualitative data analysis? (5)
- (d) Explain four purposes of qualitative data analysis? (10)

SECTION B

Answer two (2) questions from this section

Use a separate answer booklet to answer this section.

QUESTION 4

Write short notes on the following:

- a) Hypothesis testing
- b) P-value
- c) Statistical significance
- d) Null hypothesis
- e) Confidence interval

[5 x 5 = 15 marks]

QUESTION 5

- a) Briefly describe how you would prepare your data for analysis using SPSS [12.5 marks]
- b) Discuss the rules for naming variables in SPSS [12.5 marks]

QUESTION 6

- a) With the aid of examples, describe what you understand by a kurtosis. [6 marks]
- b) What is the purpose of a code book? [6 marks]
- c) Using 8 variables in your measurement tool, design a code book. [13 marks]