

UNIVERSITY OF SWAZILAND
FACULTY OF EDUCATION
DEPARTMENT OF ADULT EDUCATION
DIPLOMA IN ADULT EDUCATION YEAR 3
RE-SIT EXAMINATION - JULY, 2018

TITLE OF PAPER:	INTRODUCTION TO DATA ANALYSIS
COURSE CODE	AED 302
TIME ALLOWED	3 HOURS
INSTRUCTIONS	ANSWER TWO (2) QUESTIONS IN SECTION A AND TWO (2) QUESTIONS IN SECTION B MAKING A TOTAL OF FOUR (4). EACH QUESTION MUST BE IN A NEW PAGE

SECTION A: QUALITATIVE DATA ANALYSIS

ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION.

Question 1

- (a) What do you understand by qualitative data analysis? (6)
- (b) What does data reduction mean in qualitative data analysis? (6)
- (c) What does data display entail in qualitative data analysis? (6)
- (d) What does drawing conclusion and verification mean in qualitative data analysis? (6)

Question 2

Respondent group	Activities named (a)	Which most effective (b)	Why (c)
Participants	*Structured seminars *E-mail *Informal meetings *Lunchtime meetings	*Structured seminars *E-mail	* Concise way of communicating a lot of information
Nonparticipants	*Structured seminars *Informal meetings *Lunchtime meetings	*Informal meetings *Structured seminars	*Easier to assimilate information in less formal settings *Smaller bits of information at a time
Department chair	*Structured seminars *Lunchtime meetings	*Structured seminars	*Highest attendance by nonparticipants *Most positive comments given to chair

- (i) Analyse the displayed data showing the similarities and differences across the campuses in terms of project implementation. (15)
- (ii) Draw the conclusions and verification showing the successes or failures observed in the sites. (10)

Question 3

- (i) What do you understand by content analysis? (5)
- (ii) What is inductive analysis? (5)
- (iii) Differentiate between intra-case analysis and cross-case analysis (10)
- (iv) Mention any five qualitative methods used to collect data. (5)

SECTION B: QUANTITATIVE DATA ANALYSIS

ANSWER TWO (2) QUESTIONS FROM THIS SECTION

QUESTION 4

Describe how you would do the following“:

- a) Collapse your data given the table

Table 4.2: Attitudes toward the United Nations. "How is the UN doing in solving the Problems it has had to face?"

	West Germany (%)	Japan (%)
Very good job	2	1
Good Job	46	11
Poor Job	21	43
Very poor job	6	5
Don't know	26	41

- b) Correct an error in your data
- c) Treat missing values
- d) Naming variables

QUESTION 5

a) Fill in the appropriate responses in the spaces

Type of data	Measures of central tendency - average	Measures of dispersion - spread
Nominal		
Ordinal		
Interval / ratio		

[6 marks]

- b) Using examples, demonstrate at least 3 types of variable analyses known to you. [8 marks]
- c) Explain how you would construct a bi-variate table. [6 marks]
- d) Why is it important for you as a researcher to develop a code book? [5 marks]

QUESTION 6

- a) Explain how you would save data in SPSS. [7 marks]
- b) Explain how scales of measurement influence data analysis in SPSS [18 marks]