UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION

DEPARTMENT OF ADULT EDUCATION

DIPLOMA IN ADULT EDUCATION LEVEL 3

FINAL EXAMINATION – MAY, 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).
	BEGIN EACH QUESTION IN A NEW PAGE

SECTION A: QUALITATIVE DATA ANALYSIS

Answer any two (2) questions from this section.

Question 1
Table 1. Campus A: What was done to share the knowledge?

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 regarding the activities done to share the knowledge by three different respondents of the project. (15)

(ii)   Draw the conclusion and provide verifications to support your conclusion about effective activities used to share the knowledge. (10)

Question 2
Table 2. Participants 'views of information sharing at three campuses

Branch campus	Activities named (a)	Which most effective (b)	Why (c)
Campus A	Structured seminars (voluntary) E-mail Informal meetings Lunchtime meetings	Structured seminar E-mail	Concise way of communicating a lot of information
Campus B	Brown bags	Brown bags	Most interactive

	E-mail Department newsletter		
Campus C	Workshops (voluntary) Structured seminar (compulsory)	Structured seminar	Compulsory Structured format works well

(i)Analyse the displayed data showing the constant comparison process of comparing and contrasting responses across the three campuses. (15)

(ii) Draw the conclusion and verification about effective means of information sharing in the three sites. (10)

Question 3

(i)   What do you understand by content analysis? (5)

(ii)   What is inductive analysis? (4)

(iii)   Differentiate between intra-case analysis and cross-case analysis (10)

(iv)   Mention any three qualitative methods used to collect data. (3)

(v)   Mention three significant reasons of involving more than one person in qualitative data analysis. (3)

SECTION B: QUANTITATIVE DATA ANALYSIS

(Answer two (2) questions from this section)

QUESTION 4

a) Describe the procedure for naming variables in SPSS [10 marks]

b) Describe the three types of variable analyses known to you [3 x 5 = 15 marks]

QUESTION 5

a) Outline and evaluate three descriptive statistics that you could use to describe a particular distribution. [15 marks]

b) What is the procedure for obtaining descriptive statistics for continuous variables? [10 marks]

QUESTION 6

a) With the aid of examples, describe what you understand by a normal distribution. [6 marks]

b) What is the purpose of a code book? [6 marks]

c) Using 8 variables in your measurement tool, design your code book. [13 marks]