UNIVERSITY OF SWAZILAND

INSTITUTE OF DISTANCE EDUCATION

BACHELOR OF EDUCATION (ADULT EDUCATION) YEAR IV

SUPPLEMENTARY EXAMINATION, JULY 2018

PAPER TITLE: RESEARCH METHODS IN ADULT EDUCATION II

COURSE CODE: BAE412

TIME ALLOWED: THREE HOURS

INSTRUCTIONS: ANSWER QUESTION 1 AND ANY OTHER THREE QUESTIONS

QUESTION 1

a) These data represent the net worth (in Dollars) of 50 businesses in a large city. Calculate the variance and standard deviation. **[20 marks]**

CLASS LIMITS	FREQUENCY
10 -20	5
21 - 31	10
32 - 42	3
45 - 53	7
54 - 64	18
65 - 75	7

b) Describe how you would describe your data using the measures of central tendency **[15 marks]**

c) What do you understand by inferential statistics? **[5 marks]**

QUESTION 2

Compare and contrast the questionnaire and interview. **[20 marks]**

QUESTION 3

a) What do you understand by the Analysis of Variance (ANOVA) **[5 marks]**

b) Explain how you would correct an error in you data prior to analysis
[5 marks]

c) Write short notes on the following:
   i. Data recording and coding
   ii. Data transformation
      [2 x 5 = 10]

QUESTION 4

With the aid of examples, outline and describe five graphics that you could use to present your data. **[5 x 4 = 20]**

QUESTION 5

Literature plays a major role in any research. Discuss, showing the impact of literature in a study of your choice.

[20 marks]