UNIVERSITY OF ESWATINI

INSTITUTE OF DISTANCE EDUCATION

BACHELOR OF EDUCATION (ADULT EDUCATION) YEAR 4

MAIN EXAMINATION, MAY 2019

TITLE: RESEARCH METHODS IN ADULT EDUCATION II

COURSE CODE: IDE-BAE412

TIME ALLOWED: THREE (3) HOURS

INSTRUCTIONS: 1. ANSWER QUESTION 1 AND ANY OTHER
                    TWO QUESTIONS.

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QUESTION 1

a) A researcher must write a proposal for the study that he/she intends to conduct. Discuss with the aid of examples the purpose of the research proposal. **5 marks**

b) Of what importance are the following elements in a proposal:
   i. research design
   ii. data analysis plan
   iii. research problem
   iv. sample and sampling techniques

   5 x 4 = 20 marks

c) With the aid of examples, discuss the influence and role of scales of measurement on the data that you collect as a researcher, highlighting also the implications for analysis of such data. **[15 marks]**

d) Discuss two (2) data preparation steps that a researcher needs to consider before running an analysis. **[10 marks]**

QUESTION 2

Find the variance and standard deviation for the distribution below. The frequency distribution represents data.

Class boundaries	Frequency
2.2 -28.5	5
28.5 – 31.5	9
31.5 – 34.5	32
34.5 – 37.5	20
37.5 – 40.5	12
40.5 – 43.5	2

[25 marks]

QUESTION 3

Critically examine the significance of the following criteria in a research study

a) Validity
b) Objectivity
c) Reliability
d) Transferability
e) Generalizability

   [5 x 5 = 25 marks]

QUESTION 4

a) What do you understand by data as used in research? **[5 marks]**

b) Examine two data collection tools that you are likely to use in your study. **[20 marks]**