

UNIVERSITY OF SWAZILAND
DEPARTMENT OF ADULT EDUCATION
PART-TIME DIPLOMA IN ADULT EDUCATION YEAR 1I
RE-SIT EXAMINATION PAPER – JULY 2017

TITLE OF PAPER : **RESEARCH DESIGN AND TECHNIQUES**

COURSE CODE : **AED202**

TIME ALLOWED : **THREE (3) HOURS**

INSTRUCTIONS :

1. **ANSWER ALL QUESTIONS FROM SECTION A.**
2. **ANSWER ANY THREE QUESTIONS FROM SECTION B.**
3. **ALL QUESTIONS IN SECTION B CARRY EQUAL MARKS.**

THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR.

SECTION A: (Compulsory)

INSTRUCTIONS: Answer all Questions.

QUESTION 1

What is the content of the letter accompanying a mailed questionnaire? (7 marks)

QUESTION 2

Unobstrusive measures are used in _____.

- a) Correlational studies
- b) Observational studies
- c) Experimental studies
- d) General survey studies

(2 marks)

QUESTION 3

In critiquing a research report under sampling the following would be considered except for:

- a) Is the sample size adequate?
- b) Is the sample representative of the defined population?
- c) Is the method for selection of the sample appropriate?
- d) Is the research design appropriate for the research problem?

(2 marks)

QUESTION 4

When summarizing ordinal data, the _____ is the most useful measure of central tendency.

- a) Arithmetic mean
- b) Mode
- c) Median
- d) Geometric mean

(2 marks)

QUESTION 5

The requirements to keep information provided by research participants confidential apply:

- a) To legal minors, but not to adults
- b) Only to cases where it is specifically requested by participants.
- c) To all persons under all conditions
- d) Only in cases where participants divulge information that is potentially illegal.

(2 marks)

QUESTION 6

“How unhappy are you with your current salary? This question violates which rule of good survey writing?

- a) It is not quantifiable
 - b) It makes an unwarranted assumption
 - c) It fails to keep the respondents task simple
 - d) It uses technical language that may not be known to all
- (2 marks)

QUESTION 7

Experimental research differs from descriptive research in that it:

- a) Is less sensitive to sampling bias
 - b) Employs statistical analysis
 - c) Attempts to determine causality
 - d) Is conducted in a laboratory.
- (2 marks)

QUESTION 8

An ordinal scale measurement:

- a) Assigns a name to a category
 - b) Is tied to an absolute zero
 - c) Incorporates equal units of measurement
 - d) Communicates greater than/less than relationships.
- (2 marks)

QUESTION 9

There will be differences in degree of mood elevation seen in depressed clients after receiving either cognitive – behavioural or psychoanalytic therapy. In this hypothesis, mood elevation is the:

- a) Dependant variable
 - b) Independant variable
 - c) Confounding variable
 - d) Constant
- (2 marks)

QUESTION 10

Here is a set of scores: 5, 3, 7, 3, 6, 2, 5, 3. The mean of this set of scores is _____.

- a) 3
 - b) 4
 - c) 4.25
 - d) 4.5
- (2 marks)

SECTION B: ANSWER ANY THREE QUESTIONS

QUESTION 11

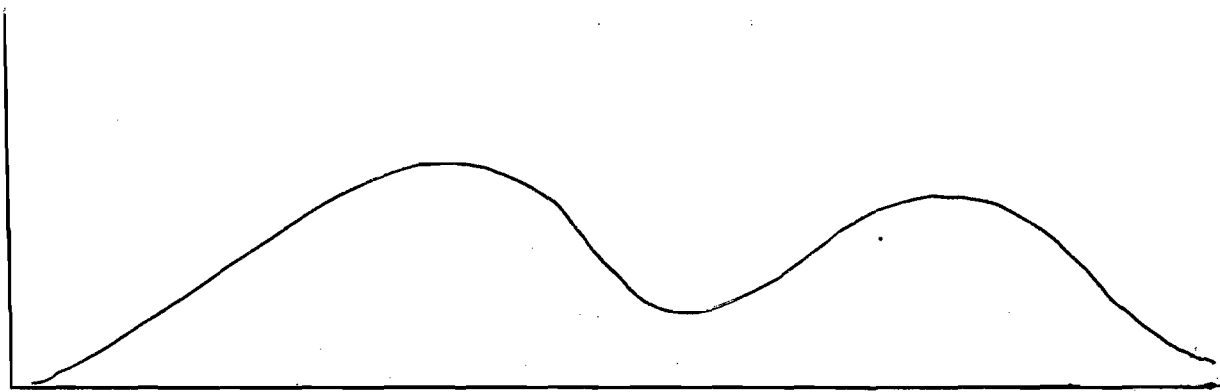
Discuss the advantages and disadvantages of face-to-face interviews.

(25 marks)

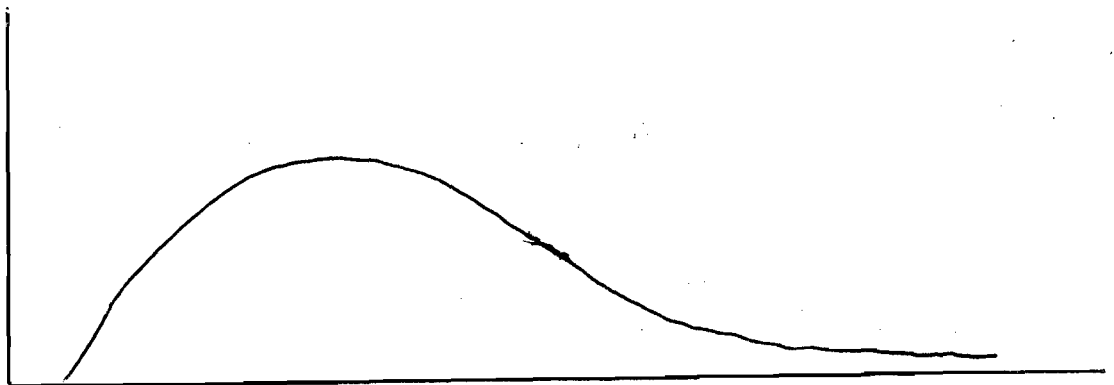
QUESTION 12

- a) Outline FOUR guidelines for conducting face-to-face interviews. (8 marks)
- b) Label the following drawings below, showing the positions of the mode, mean and median. Also classify them in terms of symmetry and skewness.

i)



ii)



(17 marks)

QUESTION 13

- a) i) List FOUR characteristics of classical experimental designs. (8 marks)
ii) In which scale of measurement are the following?
1) Soccer jersey numbers
2) Height measurements
3) Rank position in a marathon race (9 marks)
- b) Discuss the following ethical issues in social science and educational research.
i) Informed consent
ii) Right to privacy (8 marks)

QUESTION 14

- a) Calculate the mean of the following set of scores.

X	f
21	1
22	3
25	3
27	5
26	9
29	7
30	5
32	3
35	2
40	1

(15 marks)

- b) Outline five (5) strategies for maximising the return of mail questionnaires. (10 marks)