

Course Code DAE 116(M) 2010

**UNIVERSITY OF SWAZILAND**  
**DEPARTMENT OF ADULT EDUCATION**  
**PART-TIME DIPLOMA IN ADULT EDUCATION YEAR I**  
**SEMESTER TWO MAIN EXAMINATION, MAY 2010**

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

**COURSE CODE** : **DAE 116**

**TIME ALLOWED** : **TWO (2) HOURS**

**INSTRUCTIONS** : **1. ANSWER ALL QUESTIONS IN SECTION A.**  
**2. ANSWER THREE QUESTIONS IN SECTION B.**

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

**SECTION A: COMPULSORY**

INSTRUCTIONS: Answer ALL questions

**QUESTION 1**

In qualitative research the \_\_\_\_\_ is the most important instrument.

- (a) questionnaire
- (b) behaviour checklist
- (c) researcher
- (d) participant

[2 marks]

**QUESTION 2**

Among survey methods; \_\_\_\_\_ generally generate the highest response rate and \_\_\_\_\_ generate the lowest response rate.

- (a) face-to-face interviews; telephone interviews
- (b) telephone interviews and questionnaires
- (c) face-face-face interviews and questionnaires
- (d) questionnaires and telephone interviews

[2 marks]

**QUESTION 3**

The advantage of questionnaires include all of the following except:

- (a) large numbers of people can be contacted in a relatively short period of time
- (b) participants may feel more confident about their anonymity and therefore respond more honestly
- (c) The typical return rate for a survey questionnaire mailed to strangers is about

- a. 80%
- b. 65%
- c. 50%
- d. 35%

[2 marks]

**QUESTION 4**

Here is a set of scores: 5, 3,7,3,6,2,5,3. The median of the set of scores is \_\_\_\_\_ .

- a. 2
- b. 3
- c. 4
- d. 4.25

[2 marks]

**QUESTION 5**

When writing the research report, information regarding the design of the study is typically included in the \_\_\_\_\_ section.

- a. introduction
- b. Review of literature
- c. method
- d. results

[2 marks]

**QUESTION 6**

Interviews and observation techniques complement each other. True/False [2 marks]

**QUESTION 7**

A general term that is used to describe a distribution of data that is not symmetrical is a

- (a) bell shaped distribution
- (b) normal distribution
- (c) abnormal distribution
- (d) skewed distribution

[2 marks]

**QUESTION 8**

The mean is the best measure of central tendency to apply when dealing with national wages data.

[True/False]

[2 marks]

**QUESTION 9**

Why is it necessary that a mailed questionnaire be accompanied by a covering letter? [4 marks]

**SECTION B****INSTRUCTION: Answer ANY FOUR questions.****QUESTION 10**

- (a) List four guidelines for the construction of a good questionnaire. [8 marks]
- (b) What guidelines should be followed in conducting face-to-face interviews? [12 marks]

**QUESTION 11**

Discuss the advantages and disadvantages of mailed questionnaires. [20 marks]

**QUESTION 12**

Why is it important to adhere to research ethics in conducting research in education and social sciences? [20 marks]

**QUESTION 13**

Use the grouped data frequency distribution shown below to calculate the mean.

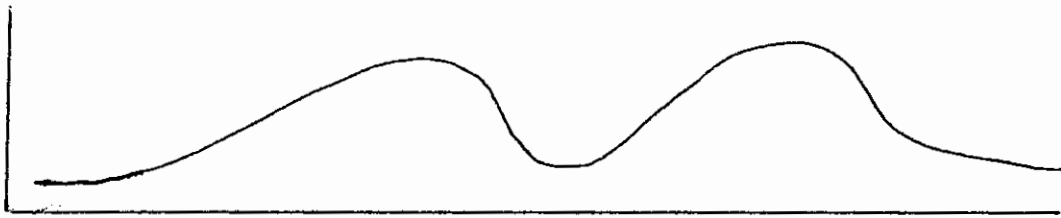
Use the formula  $\frac{\sum fx}{N}$

Class Interval	f	
10-19	2	
20-29	5	
30-39	12	
40-49	17	
50-59	14	
60-69	7	
70-79	2	[20 marks]

**QUESTION 14**

Label the following drawings showing the positions of the mode, median and mean.

(i)



[20 marks]

(ii)

