Course Code: DAE 116 (s) 2011

UNIVERSITY OF SWAZILAND

DEPARTMENT OF ADULT EDUCATION

PART-TIME DIPLOMA IN ADULT EDUCATION YEAR 1

SUPPLEMENTARY EXAMINATION PAPER, JULY, 2011

TITLE OF PAPER :   RESEARCH DESIGN AND TECHNIQUES

COURSE CODE   :   DAE 116

TIME ALLOWED :   TWO (2) HOURS

INSTRUCTIONS   :   1   ANSWER <u>ALL</u> QUESTIONS FROM
                             SECTION A.

                     2. ANSWER <u>ANY THREE</u> QUESTIONS
                         FROM SECTION B.

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

SECTION A: COMPULSORY

INSTRUCTIONS: ANSWER ALL QUESTIONS. CHOOSE AN OPTION THAT BEST FITS YOUR ANSWER TO THE FOLLOWING:

QUESTION 1

Which measure of central tendency is the easiest to find?

a) mean

b) median

c) mode   [2 marks]

QUESTION 2

What is the mean for the following set of scores?

15, 17, 19, 22, 24, 25, 10, and 14   [2 marks]

QUESTION 3

If a distribution of scores is negatively skewed it means the test was difficult.   True/False

[2 marks]

QUESTION 4

In conducting research it is right to invade the research participants' privacy.   True/False

[2 marks]

QUESTION 5

Face-to-face interviews have the same disadvantages as telephone interviews.   True/False

[2 marks]

QUESTION 6

Outline the **three** principles of writing a research report.   [6 marks]

QUESTION 7

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 8

Unobtrusive measures are commonly used in _____ studies.

    a)   correctional Studies

    b)   observational Studies

    c)   experimental Studies

    d)   general Survey Studies   [2 marks]

SECTION B: ANSWER ANY THREE QUESTIONS

QUESTION9

What are the advantages and disadvantages of face-to-face interviews and mailed questionnaires?
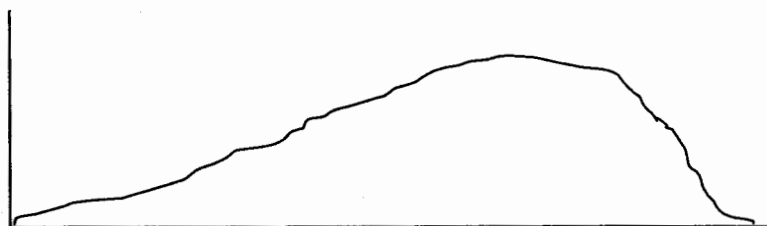
[20 marks]

QUESTION 10

Using the frequency distribution below calculate the mean

Score	frequency (f)
78	1
79	4
80	5
81	9
82	12
83	10
84	6
85	3
86	4
87	1

[20 marks]

QUESTION 11

a)   On the curve below mark the position of the mean, median and mode and describe the nature of the curve.

[10marks]

b)   With drawings to illustrate your answer, what is the difference between a **unimodal** and a **bimodal** distribution?   [10 marks]

QUESTION 12

Discuss the following ethical issues in social science and educational research.

a) Informed consent

b) Right to privacy

c) Protection from harm

d) Honesty with Professional Colleagues.   [20 marks]