

**UNIVERSITY OF SWAZILAND**  
**INSTITUTE OF DISTANCE EDUCATION**  
**BACHELOR OF EDUCATION (ADULT EDUCATION) YEAR IV**  
**SUPPLEMENTARY EXAMINATION PAPER, JULY 2015**

**TITLE OF PAPER:** RESEARCH METHODS IN ADULT EDUCATION

**COURSE CODE:** IDE-BAE412

**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**

Why should the research always keep in mind the unit of analysis when analysing data?  
(5 Marks)

**QUESTION 2**

What is the value of conducting related literature review in developing a research proposal.  
(15 Marks)

**QUESTION 3**

What is the difference between a bar graph and a histogram? Illustrate your answer with drawings.  
(5 Marks)

**SECTION B: Answer Any three questions**

**QUESTION 4**

	Variable A Attitude towards Descriptive statistics (1= low and 20=high)	Variable B Achievement on test of knowledge of descriptive statistics
Subject		
1	12	80
2	10	60
3	19	85
4	8	65
5	2	55
6	15	75
7	1	95
8	20	82
9.	6	70
10	11	88
11	3	59
12	7	60

For the set of scores above calculate the mean, the median, and the standard deviation of each variable.  
(25 Marks)

### QUESTION 5

For each of the following cases, indicate whether the questionnaire, interviews or observation techniques would be most appropriate and justify your answer.

- a) Reasons that 1500 couples believe they have problems in their marriages.
- b) The attitudes of part-time students towards full-time students.
- c) The effects of watching violent TV programmes.
- d) Knowledge of parents regarding the curriculum.
- e) University students perception of the effectiveness of the waders.
- f) Average age and experience of school principals.
- f) Attitudes of teenage students towards their parents.
- h) Attitudes of teachers towards competence – based instruction. (25 Marks)

### QUESTION 6

- a) What is the difference between a rating scale and a likert scale? (10 Marks)
- b) What information should be included in a letter of transmittal to accompany a questionnaire ? (15 Marks)

### QUESTION 7

Thandi has been a member of a research team studying interpersonal aggression among urban pre-school children for more than a year. In that time, her team has repeatedly employed a consistent set of techniques and procedures to study pre-schoolers as they interact in a number of settings. The procedure revolves around volunteer mothers bringing their children to the university child development laboratory for a “play session” that is the basis of the formal observations. She meets a friend who offers to introduce her to peri-urban though impoverished pre-school to conduct her own study. Thandi decides that she has no time to prepare a formal proposal before embarking on the study. “Besides” she thinks “this study should go just like all the others we’ve done”.

Is Thandi leaving herself open to problems in this situation or is she safe moving ahead with no formal proposal given how familiar she is with the study techniques and procedures? (25 Marks)