



REFORMED CHURCH UNIVERSITY

FACULTY OF EDUCATION AND SOCIAL SCIENCES

DIPLOMA IN SIGN LANGUAGE

RESEARCH METHODS AND STATISTICS

DSL 102

PART 1 SEMESTER 1

Time: 3 Hours

INSTRUCTIONS

1. This paper has *five (5)* questions
2. Answer any *three (3)* questions
3. Each question carries *100 marks*
4. Start each question on a new page

1. Discuss the pros and cons of a questionnaire survey. (100)

2. The following sample observations were randomly selected. (100)

X	5	3	6	3	4	4	6	8
Y	13	15	7	12	13	11	9	5

You are required to;

- a) Calculate the mean of X.
- b) Calculate the mean of Y.
- c) Compute the standard deviations of X and of Y.
- d) Find Z-scores when X is 9 and Y is 14
- e) Calculate correlation coefficient of the two variables and comment on it.
- f) Calculate the coefficient of determination and comment on your result.

3. Examine the importance of carrying out literature review in research. (100)

4. Differentiate the following research methods: qualitative and quantitative. (100)

5. Observation method is a superior data gathering technique that researchers should rely on. Discuss. (100)

End of paper