REFORMED CHURCH UNIVERSITY

FACULTY OF COMMERCE

BACHELOR OF COMMERCE HONOURS DEGREE IN HUMAN RESOURCES, INDUSTRIAL & LABOUR RELATIONS MANAGEMENT

RESEARCH METHODS & STATISTICS

HHRM 230

PART 2 SEMESTER 2 EXAMINATION

TOTAL MARKS   [100]

DATE: April 2024

Time: 3 Hours

INSTRUCTIONS

1. This paper has *five (5)* questions

2. Answer question 1 and *any* **two other (2) questions**

3. Question 1 carries 40 marks and the rest of the questions carry 30 marks

4. Start each question on a new page

5. Candidates may use non-programmable, noiseless and cordless calculators.

6.   Candidates are provided with tables of statistical formulae.

1. Discuss the essence of any five non probability sampling techniques in doing research in your area of study. (40 marks)

2. The increasingly complex nature of our society has focused attention on the use of research in solving operational problems. Identify and explain ten characteristics of good research. (30marks)

3. Compare and contrast the following terms as they are applied and used in research:

a. Validity and reliability   (6 marks)

b. Triangulation and pilot study   (6 marks)

c. Delimitation and limitations of the study   (6 marks)

d. Census and sample   (6marks)

e. Quantitative and qualitative   (6 marks)

4. a). Identify and explain five ethical considerations that researchers must take into account when carrying out a research. (20 marks)

   b). Describe ways of enforcing ethical issues in Research. (10marks)

5. The following sample observations were randomly selected.

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.   (4marks)
  b) Calculate the mean of Y.   (4marks)
  c) For each set of data identify the modal value.   (4marks)
  d) Compute the standard deviations of X and of Y.   (10marks)
  e) Find Z-scores when X is 9 and Y is 14   (8marks)

6. a) Explain any three important factors to consider in designing a questionnaire. (15 marks)

   b) Discuss the pros and cons of a questionnaire survey. (15 marks)

END OF PAPER