CICT PART III SECTION 6

RESEARCH METHODS

FRIDAY: 3 September 2021.   Time Allowed: 3 hours.

Answer ALL questions. Marks allocated to each question are shown at the end of the question.

QUESTION ONE
(a)   A research problem in general refers to a difficulty which a researcher experiences in the context of either a theoretical or a practical situation and wants to obtain a solution for the same.

       With reference to the above statement, summarise four conditions to be met for existence of a research problem.
                                                                                                          (4 marks)

(b)   Discuss six advantages of the case study method of data collection.   (6 marks)

(c)   Distinguish between "survey" and "experiment" as used in research.   (4 marks)

(d)   In most developing countries, empirical research creates so many problems for the researchers.

       With reference to the above statement, suggest six problems faced by such researchers.   (6 marks)
                                                                                                 (Total: 20 marks)

QUESTION TWO
(a)   Summarise five items that are addressed in a research proposal.   (5 marks)

(b)   (i)   Explain the term "research ethics".   (2 marks)

       (ii)   Suggest eight ethical issues that might affect a researcher during data collection.   (8 marks)

(c)   Discuss five precautions that a researcher might take into consideration while interpreting research findings.
                                                                                                          (5 marks)
                                                                                                 (Total: 20 marks)

QUESTION THREE
(a)   Explain five characteristics of a good research problem.   (5 marks)

(b)   Summarise five steps in hypothesis testing.   (5 marks)

(c)   Analyse four limitations of using direct observation as a method of data collection.   (4 marks)

(d)   Examine six reasons why research is important and valuable in modern times.   (6 marks)
                                                                                                 (Total: 20 marks)

QUESTION FOUR
(a)   Describe five steps of the literature review process.   (5 marks)

(b)   Highlight four features of non probability sampling.   (4 marks)

(c)   Explain six advantages of secondary data in research.   (6 marks)

(d)   Analyse five characteristics of a good questionnaire.   (5 marks)
                                                                                                 (Total: 20 marks)

QUESTION FIVE

(a) Suggest five reasons why it is necessary for a researcher to publish research findings. (5 marks)

(b) Summarise seven salient features of a poorly written research report. (7 marks)

(c) Analyse two purposes of research design. (4 marks)

(d) Distinguish between "descriptive statistics" and "inferential statistics". (4 marks)

(Total: 20 marks)

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