



kasneb

CICT PART III SECTION 6

RESEARCH METHODS

MONDAY: 30 November 2020.

Time Allowed: 3 hours.

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

QUESTION ONE

- (a) Distinguish between “quantitative” and “qualitative” research approaches. (2 marks)
- (b) Propose five reasons why researchers might prefer to conduct research using online surveys. (5 marks)
- (c) “Research problem is the backbone of a research project”.
With reference to the above statement summarise five benefits of an effective research problem. (5 marks)
- (d) Analyse four roles of research design in a research study. (8 marks)

(Total: 20 marks)

QUESTION TWO

- (a) In relation to ethical issues in research, differentiate the following terms:
- (i) “Mien” and “decorum”. (2 marks)
- (ii) “Research plagiarism” and “research fraud”. (2 marks)
- (b) With reference to data analysis, justify two reasons why subjects in research sample are assigned identification codes. (2 marks)
- (c) Identify six errors that might be made in processing research data. (6 marks)
- (d) Evaluate four factors that could influence the choice of a sampling design. (8 marks)

(Total: 20 marks)

QUESTION THREE

- (a) Highlight five limitations of using questionnaires in research. (5 marks)
- (b) Suggest two instances where non-probability sampling technique would be most appropriate in obtaining samples in research. (2 marks)
- (c) Assess five drawbacks of using note taking during interviews. (5 marks)
- (d) Analyse four major aspects of literature review that a researcher could evaluate in a research project. (8 marks)

(Total: 20 marks)

QUESTION FOUR

- (a) Citing examples, distinguish between “an independent variable” and “a dependant variable” as used in research. (4 marks)
- (b) Assess three factors that could be used in determining the method of data collection. (3 marks)
- (c) Discuss five steps that could be used in determining the reliability of the research instruments using the test-retest methods. (5 marks)
- (d) Evaluate four reasons why a researcher needs to conduct literature review before starting a research project. (8 marks)

(Total: 20 marks)

QUESTION FIVE

- (a) Highlight four purposes of footnotes in research report. (4 marks)
- (b) Identify five reasons why it is essential to store research data after completing data analysis. (5 marks)
- (c) Analyse five situations that might require a researcher to use a large sample for research. (5 marks)
- (d) Assess three ways in which research could contribute to the economic development of a country. (6 marks)

(Total: 20 marks)

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