



CICT PART III SECTION 6
RESEARCH METHODS

THURSDAY: 28 November 2019.

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 “deductive research” and “inductive research”. (2 marks)
 - (b) Summarise four methods of acquiring knowledge. (4 marks)
 - (c) Explain six characteristics of a good research proposal. (6 marks)
 - (d) Discuss the procedure followed in defining the research problem. (8 marks)
- (Total: 20 marks)**

QUESTION TWO

- (a) Discuss the following terms as used in research:
 - (i) Validity of data. (2 marks)
 - (ii) Reliability of data. (2 marks)
 - (b) Suggest four factors that could affect the type of research design in a research study. (4 marks)
 - (c) Describe four steps followed in processing and analysing raw research data. (4 marks)
 - (d) Examine eight advantages of pilot testing a questionnaire in the research process. (8 marks)
- (Total: 20 marks)**

QUESTION THREE

- (a) Analyse three limitations of using computers to analyse research data. (3 marks)
 - (b) Argue seven reasons why a researcher undertakes literature review. (7 marks)
 - (c) Assess any five steps followed in drafting a research report. (10 marks)
- (Total: 20 marks)**

QUESTION FOUR

- (a) Highlight four limitations of surveys as a method of data collection. (4 marks)
 - (b) Explain six ethical principles that guide researchers. (6 marks)
 - (c) Discuss five methods of probability sampling. (10 marks)
- (Total: 20 marks)**

QUESTION FIVE

- (a) Describe five weaknesses of using scientific methods in social science research to study human behaviour. (5 marks)
 - (b) Identify five advantages of focus group interview in research. (5 marks)
 - (c) Suggest four steps that could be followed when presenting an oral research report. (4 marks)
 - (d) Argue six reasons why a reputable journal might reject a research paper for publication. (6 marks)
- (Total: 20 marks)**
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