

CICT PART III SECTION 6

RESEARCH METHODS

MONI	DAY: 30 November 2020.	Time Allowed: 3 hours.
Answe	er ALL questions. Marks allocated to each question are shown at the end of the question.	ė
QUES	TION 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".	20.
	With reference to the above statement summarise five benefits of an effective research prob	lem. (5 marks)
(d)	Analyse four roles of research design in a research study.	(8 marks) (Total: 20 marks)
QUES	TION 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)
OUES	TION 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	h project. (8 marks) (Total: 20 marks)
OUES	TION 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.	
(d)	Evaluate four reasons why a researcher needs to conduct literature review before starting a research project.	

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(Total: 20 marks)

(8 marks)

QUI	ESTION FIVE Highlight four purposes of footnotes in research report.	(4 marks)
90 50 second		(5 marks)
(b)	Identify five reasons why it is essential to store research data after completing data analysis.	0. 21
(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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