

RESEARCH METHODOLOGY

DATE: 6/9/2021

TIME: 8:30 – 11:30 AM

INSTRUCTIONS

Answer any five questions

QUESTION ONE (20 marks)

(a) Explain the following terms in the context of research methodology.

i.	Research	(2 marks)
ii.	Sampling	(2 marks)
iii.	Sample size	(2 marks)
(b) State the significance of research.		(2 marks)
(c) List four qualities of a good research title.		(4 marks)
(d) Identify two challenges faced by researchers during the research process.		(4 marks)
(e) Describe two types of research.		(4 marks)

QUESTION TWO (20 MARKS)

(a) Describe the meaning of the following terms in the context of research methodology.

i.	Research proposal	(4 marks)
ii.	Statement of the problem	(3 marks)
iii.	Literature review	(4 marks)
(b) Outline the steps in a research process.		(6 marks)
(c) Explain three methods of sampling during the data collection stage in the research process.		(3 marks)

QUESTION THREE (20 MARKS)

(a) Describe the following terms in the context of research methodology.

i.	Research Design	(2 marks)
ii.	Hypothesis	(2 marks)
iii.	Data	(2 mark)
iv.	Data analysis	(2 marks)
v.	Hypothesis	(2 marks)
(b) State two sources of literature during the research process.		(2 marks)
(c) Explain the importance of literature review in research.		(4 marks)
(d) Describe two types of research designs.		(4 marks)

QUESTION FOUR (20 MARKS)

(a) Contrast the following pairs of research methodology terms.		
i.	Sample size and target population	(4 marks)
ii.	Null hypothesis and alternate hypothesis	(4 marks)
iii.	Validity and reliability	(4 marks)
(b) Describe three data collection instruments.		(6 marks)
(c) Name two data analysis tools.		(2 marks)

QUESTION FIVE (20 MARKS)

(a) Identify four sources of data during data collection in the research process.		(4 marks)
(b) Compare and contrast the following pairs of research methodology terms.		
i.	Interview and Questionnaire	(4 marks)
ii.	Case study research and survey research	(4 marks)
iii.	Stratified sampling and snowball sampling	(4 marks)
iv.	Qualitative data and quantitative data	(4 marks)

QUESTION SIX (20 MARKS)

(a) Explain the significance of research questions in a research proposal.	(2 marks)
(b) Enumerate the main components of a research proposal.	(8 marks)
(c) Explain two methods of sampling during the data collection stage in the research process.	(4 marks)
(d) Describe three methods of data collection.	(6 marks)

QUESTION SEVEN (20 MARKS)

(a) Distinguish between the following pairs of research methodology terms.

i.	Primary data and secondary data	(4 marks)
ii.	Cluster sampling and snowball sampling	(4 marks)
iii.	Case study and pilot study	(4 marks)
(b) Identify the differences between a research proposal and a research report.		(4 marks)
(c) Citing two reasons, explain the need for sampling during research.		(4 marks)