

"Investing in Africa's Future"

COLLEGE OF ENGINEERING AND APPLIED SCIENCES

NMMS301: RESEARCH METHODS AND REPORT WRITING

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2024

LECTURER: DR. TENDAI ZENGENI

TIME: 3 HOURS

INSTRUCTIONS

You are required to answer questions as instructed.

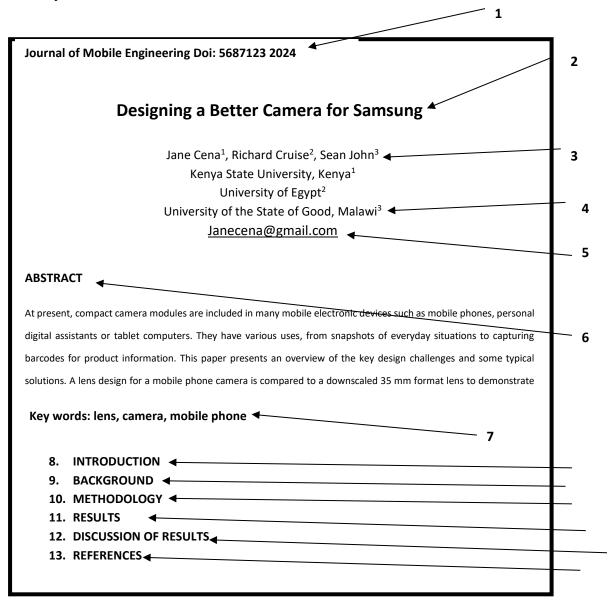
Start each question on a new page in your answer booklet

Answer 4 (FOUR) questions ONLY

Credit will be awarded for logical, systematic and neat presentations

1.	a) Critically discuss the importance and purpose of critical literature review	to your research
	project.	[10 marks]
	b) What is an independent Variable? Give examples.	(5 marks)
	c) What is a Dependent Variable? Give examples.	(5 marks)
	d) Explain Data Analysis and the techniques you know	(5 marks)
2.	a) Define Research	(5 marks)
	b) What is Quantitative Research method? Give examples.	(5 marks)
	c) What is Qualitative Research method? Give examples	(5marks)
	d) What is Mixed Research method? Give examples.	(5 marks)
	e) What is a Dependent Variable? Give examples.	(5 marks)
3.	Discuss any five of the following research strategies:	
	a) Experiment	
	b) Survey	
	c) Archival Research	
	d) Case Study	
	e) Ethnography	
	f) Action Research	
	g) Grounded Theory	
	h) Narrative Inquiry	[25 marks]
	4. Discuss the all the Data Collection Methods in Research.	[25 marks]

5. Label the components of this Scientific Paper and explain IN FULL on a separate paper what you understand. [25 marks]



- 6. a) What is a Journal Paper? (5 marks)
 - b) Why do Scientists publish their work? (5 marks)
 - c) Name 5 Referencing styles that you know. (5 marks)
 - d) What is a Problem Statement? (5 marks)
 - e) What is the Gap of the study? (5 marks)

[25 marks]

END OF EXAMINATION