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UNIVERSITY EXAMINATIONS

**2022/2023 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER**

MAIN EXAMINATION

**FOR THE DEGREE OF BACHELOR OF JOURNALISM AND
MASS COMMUNICATION**

COURSE CODE: JMC 224

COURSE TITLE: LOGIC AND RATIONAL THOUGHT

DATE: 25TH APRIL, 2023

TIME: 9.00 - 11.00AM

INSTRUCTION TO CANDIDATES

Answer Question **ONE** and any other **TWO** Questions.

TIME: 2 Hours

QUESTION ONE - COMPULSORY (30 MARKS)

- a) Discuss briefly the similarities and differences between deductive and inductive arguments. Support your discussion with your own examples. (4 marks)
- b) Explain how we can distinguish deductive arguments from inductive arguments, and vice versa. (4 marks)
- c) Compare and contrast critical and uncritical thinkers. (4 marks)
- d) Explain the common barriers of critical thinking. (4 marks)
- e) Discuss briefly the major benefits of critical thinking. (4 marks)

QUESTION TWO (20 MARKS)

- a) Explain the relationship between logic and language. (2 marks)
- b) Discuss the important functions of language that are relevant to logic. (6 marks)
- c) Explain the meaning and function of a value claim in arguments. (4 marks)
- d) Explain the differences between vagueness and ambiguity, and between verbal and factual disputes. (8 marks)

QUESTIONS THREE (20 MARKS)

- a) Explain any four standard categorical Propositions. (12 marks)
- b) Explain the attributes of a categorical proposition in terms of quality and quantity. (8 marks)

QUESTION FOUR (20 MARKS)

Draw Venn diagrams for the following propositions:

- a) Some rock-music lovers are not fans of Madonna. (10 marks)
- b) Some housing developments are complex that exclude children. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Define fallacies of relevance. (5 marks)
- b) Using relevant examples, explain any five types of fallacies in relation to relevance. (15 marks)