



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

MAIN EXAM

2023/2024 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER EXAMINATION

**FOR THE DEGREE OF BACHELORS OF SCIENCE IN DISASTER RISK AND
SECURITY INTELLIGENCE MANAGEMENT**

COURSE CODE: DIM 202

COURSE TITLE: LOGIC AND CRITICAL THINKING

DATE: 14/12/2023

TIME: 8-10AM

INSTRUCTIONS TO CANDIDATES:

Answer -----

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

Paper Consists of 2 Printed Pages. Please Turn Over



Q1. Validate the claim that logic is that branch of philosophy which reflects upon the nature of thinking itself [30 MARKS]

Q2. Using relevant examples explain what critical thinking entails [30 MARKS]

Q3. By use of examples define the following terms.

a) Truth [10 MARKS]

b) Validity [10 MARKS]

c) Soundness [10 MARKS]

Q4. Examine in detail five impediments to critical thinking [30 MARKS]

Q5. Using relevant syllogisms distinguish between deductive logic and inductive logic [30 MARKS]