



(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR**

THIRD YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DIPLOMA
IN
ELECTRICAL AND ELECTRONICS ENGINEERING**

COURSE CODE: DEE 095

**COURSE TITLE: TELECOMMUNICATION POLICY AND
REGULATION**

DATE: Tuesday 18th April, 2023

TIME: 9.00 a.m – 11.00 a.m

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS.
QUESTION ONE CARRIES 30 MARKS AND ALL OTHERS 20 MARKS EACH.

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. 

MASINDE MULIRO UNIVERSITY OF SCIENCE & TECHNOLOGY

DEE 095: Telecommunication Policy & Regulations

SECTION A (30 MARKS): Answer ALL questions

1. Write the following abbreviations in full:
 - a) PTT (1mk)
 - b) ITU (1mk)
 - c) NGN (1mk)
 - d) CAK (1mk)
 - e) UAS (1mk)
2. State and explain THREE indicators of universal access and universal service. (6mks)
3. State THREE functions of CAK. (3mks)
4. State FOUR factors which prompted the liberalization of the telecommunications sector. (4mks)
5. State and explain TWO objectives of price regulation. (6mks)
6. State THREE sources of financing for a telecommunications regulator. (3mks)
7. State THREE qualities of an effective regulator. (3mks)

SECTION B: Answer any TWO questions

8. a) State FIVE telecommunication sector reforms and state TWO objectives of each. (15mks)
b) State FIVE telecommunication regulatory objectives. (5mks)
9. a) State and explain any TWO approaches to price regulation. (10mks)
b) State FIVE advantages of price cap regulation over rate of return regulation. (5mks)
c) State FIVE weaknesses of ROR regulation. (5mks)
10. a) Differentiate between qualification criteria and selection criteria in the licensing process. (5mks)
b) State the contents of a telecommunication service license. (9mks)
c) Differentiate the terms Imperfect competition and monopoly. (6mks)