



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN EXAMINATION MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

1ST YEAR, 1ST SEMESTER EXAMINATIONS

FOR THE DEGREE OF MASTERS OF EDUCATION

IN SPECIAL NEEDS EDUCATION

COURSE CODE : MSE 832E

**COURSE TITLE : ADVANCED AUDIOLOGY AND ELECTRO
ACOUSTIC**

DATE: 4TH AUG. 2022

TIME: 2:00 – 5:00 PM

INSTRUCTIONS TO CANDIDATES

Answer any FOUR (4) questions only.

MMUST observes ZERO tolerance to examination cheating

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

QUESTION ONE

Citing relevant examples, describe how the following terminologies remain crucial in the growth of Audiology. (15 marks)

- i) Oscope decibels
- ii) Amplification
- iii) Speech Production
- iv) Speech Perception

QUESTION TWO

With relevant examples, explain how any FIVE (5) types of Audiology are useful in the life of hearing impaired students. (15 marks)

QUESTION THREE

Diagrammatically, explain how hearing process take place and how hearing impaired students use it in their habilitation process. (15 marks)

QUESTION FOUR

Explain how REVERBERATIONS of sound works with a hearing impaired students in a learning situation. (15 marks)

QUESTION FIVE

Describe the Assessment of hearing impaired students using Audiometer and Audiogram. (15 marks)

QUESTION SIX

Discuss the development of Audiology in the understanding of hearing impairment conditions. (15 marks)