



MASASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER**

**SCHOOL OF EDUCATION
BACHELOR OF EDUCATION SPECIAL NEEDS**

**COURSE CODE: SNE 422E
COURSE TITLE: AUDIOLOGY AND ELECTRO
ACCOUSTICS**

DATE: 29/4/2019

TIME: 11:00 AM – 1:00 PM

INSTRUCTIONS

ALL Questions in Section " A " are Compulsory

Answer any THREE (3) Questions in section "B"

SECTION A: 25 MARKS

1(a). Define the following terms as used in audiology;

- i) Audiology (1 mark).
- ii) Speech perception (1 mark)

(b). Explain the role of audiology in human growth and development during infancy (0 – 6 years) (5 marks).

(c). Explain the two classifications of sounds. (2 marks).

(d). Distinguish between air conduction and bone conduction (2 marks).

(e). Examine the main aim of diagnostic test of hearing (3 marks)

(f). State three ways how you can identify learners with hearing impairment in your class. (3 marks).

(g). State any two properties of sound. (2 marks).

(h). Explain the use of the following parts of a hearing aid;

- i) Microphone
- ii). Amplifier (4 marks).

SECTION B: 45 MARKS: CHOOSE THREE QUESTIONS

2). Discuss how sound waves are conducted from the outer ear until it is interpreted in the Brain. (15 marks)

3). Explain the four factors that affect speech reception and production. (15 marks).

4). Describe the screening test procedures that are done to hearing impaired learners. (15 marks)

5). Explain the four classifications of hearing loss. (15 marks)

//END