



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATION
2021/2022 ACADEMIC YEAR
FIRST YEAR FIRST SEMESTER**

**SCHOOL OF EDUCATION
DEGREE OF BACHELOR OF EDUCATION
SPECIAL NEEDS
(REGULAR)**

COURSE CODE : SNE 1104-1

**COURSE TITLE : ANATOMY,
PHYSIOLOGY AND PATHOLOGY OF THE
SENSORY SYSTEMS IN SPECIAL NEEDS
EDUCATION**

DATE: 8TH APRIL, 2022

TIME: 0830-1030

INSTRUCTIONS

Answer **ALL** questions in section **A** and any **TWO** in section **B**

SECTION A – 20 MARKS

- a) Clarify the following concepts
- (i) Autonomic nervous systems (2 marks)
 - (ii) Somatic nervous systems (2 marks)
 - (iii) Neurological impairment (2 marks)
- b) a) What do you understand by the term central nervous system
(2 marks)
- b) Explain two conditions which may affect the C.N.S., effects on learning and their management in inclusive setting (6 marks)
- c) Name three skeletal muscles in the human body and explain their respective functions (6 marks)

SECTION B- 30 MARKS

- 2) Critically analyze five pathologies of the muscular skeletal systems, respective educational implications and their intervention strategies (15marks)
- 3) Discuss the relevance of the course anatomy, physiology and pathology of the sensory systems to students taking special needs education (15marks)
- 4) (a) Describe the three types of epilepsy (6 marks)
- (b) Discuss the impact on learning and intervention strategies for children with epilepsy in inclusive setting (9 marks)

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