



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2023/2024 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**

DATE: 7/2/2024

TIME: 1100-1300 HRS

INSTRUCTIONS TO CANDIDATES

*This paper consists of **TWO** printed pages. Please turn over*

Answer Question **ONE** and any other **TWO** questions

SECTION A - 20 MARKS

a) Clarify the following concepts

(i) Physiology (2 marks)

(ii) Neurons (2 marks)

(iii) Contracture (2 marks)

b) Explain any three conditions that may affect the autonomic nervous system, its effects on learning and their management in inclusive setting.

(6 marks)

c) Name any two skeletal muscles in the human body and describe their respective functions (4 marks)

d) Explain the relationship between peripheral nervous systems and central nervous systems (4 marks)

SECTION B- 30 MARKS

2) Critically analyze any five pathologies of the muscular skeletal systems, respective educational implications and their intervention strategies (15marks)

3) Discuss the educational implications and intervention strategies for children with amputated limbs in inclusive setting (15marks)

4) Discuss the relevance of the course anatomy, physiology and pathology of the sensory systems to students taking special needs education (15marks)

5) (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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