



# MACHAKOS UNIVERSITY

University Examinations 2022/2023 academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

THIRD YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF  
EDUCATION (SPECIAL NEEDS EDUCATION)

ESN 313: MEDICAL ASPECTS FOR CHILDREN WITH PHYSICAL HANDICAPPS AND  
OTHER HEALTH IMPAIRMENTS

DATE:

TIME:

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## INSTRUCTIONS

Answer question ONE and any other TWO questions.

### QUESTION ONE (30 MARKS)

- a) Explain five reasons why physical handicap is referred to as a visible disability (10 marks)
- b) Discuss five ways in which a physical disability interferes school attendance or learning (10 marks)
- c) Explain five post-natal causes of physical handicapping conditions (10 marks)

### QUESTION TWO (20 MARKS)

- a) Identify three factors that are likely to trigger an attack in a learner who is epileptic (6 marks)
- b) Outline seven steps that a teacher can take to manage an epileptic child during a seizure (14 marks)

### QUESTION THREE (20 MARKS)

- a) Discuss five methods that are likely to spread poliomyelitis (10 marks)
- b) Examine five ways through which poliomyelitis can affect a learner educational performance (10 marks)

**QUESTION FOUR (20 MARKS)**

- a) Discuss five problems associated with the use of prosthesis for learners who are amputated (10 marks)
- b) Identify five intervention strategies to support learners with hemophilia (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) Discuss eight symptoms of osteogenesis imperfecta (OI) (16 marks).
- b) Suggest four ways a teacher can help a learner with osteogenesis imperfecta learn in a normal school (4 marks)