



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 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: 9/8/2021

TIME: 11.00-1.00 PM

INSTRUCTIONS

1. Write your answers in the answer booklet provided
2. SECTION A is compulsory
3. Answer any other TWO questions from section B

SECTION A: COMPULSORY (30MARKS)

QUESTION ONE (30 MARKS)

- a) Explain ten symptoms associated with spinal injury. (10 marks)
- b) Explain five functional problems experienced by children with cerebral palsy. (10 marks)
- c) Examine the educational implications of poliomyelitis. (10 marks)

SECTION B (ANSWER ANY TWO QUESTIONS)

QUESTION TWO (20 MARKS)

- a) Describe the procedure for the management of a seizure in a learner who is epileptic. (10 marks)
- b) Analyze ten ways that are effective in the management of muscular dystrophy. (10 marks)

QUESTION THREE (20 MARKS)

- a) Examine the educational implications of spinal cord injuries in children. (10 marks)
- b) Examine the educational implications of muscular dystrophy in children. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss the possible causes of cerebral palsy before, during and after birth. (12 marks)
- b) Highlight four indicators of cerebral palsy (8 marks)

QUESTION FIVE (20 MARKS)

- a) Describe the treatment plan for children with amputated limbs. (10 marks)
- b) Analyze the educational implications for amputation. (10 marks)