



# MACHAKOS UNIVERSITY

University Examinations 2017/2018

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION  
AND EARLY CHILDHOOD EDUCATION

THIRD YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR OF  
EDUCATION

ESN 314: HABILITATION AND REHABILITATION OF MOTOR DEVIATIONS

DATE: 13/12/2017

TIME: 2.00-4.00 PM

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## INSTRUCTIONS

Answer Question One and Any Other Two Questions

### QUESTION ONE (COMPULSORY) ( 30 MARKS)

- Explain the concept of performance skills in reference to motor deviations (5 marks)
- Describe the principles of rehabilitation programmes for persons with motor deviations and other health difficulties. (5 marks)
- Explain the methods that physical therapists can use in order to rehabilitate children with motor deviations (7 marks)
- Explain the conditions in a child with physical difficulties and other health impairments which can inhibit a child's movement and limit their daily activities. (8 marks)
- Describe the characteristics a habilitation and rehabilitation worker needs to possess in order to assist the persons with motor difficulties (7 marks)

### QUESTION TWO (20 MARKS)

- Describe the causes of motor deviations needing habilitation and rehabilitation (10 marks)

- b) State types of rehabilitation approach treatment methods and skills which can be applied in the intervention programmes of persons with motor deviations. (10 marks)

**QUESTION THREE (20 MARKS)**

- a) Explain giving examples the concept of Biomechanical approach as a therapy of assisting children with motor conditions of disabilities. (6 marks)
- b) Citing some examples describe some forms of conditions of motor disabilities (14 marks)

**QUESTION FOUR (20 MARKS)**

- a) Analyze the intervention strategies to support children with hydrocephalus condition as one type of motor deviation (4 marks)
- b) Explain the concept of habilitation as used in the study of children with motor deviations being a condition of a type of physical disabilities (4 marks)
- c) What are the indicators of sensory processing and motor problems in a child as a result of neurological disorders and thus requiring Sensory integration therapy (12 marks)

**QUESTION FIVE (20 MARKS)**

- a) Analyze the possible performance motor skills that can be used to train children with motor deviations for better rehabilitation. (8 marks)
- b) Describe the training process a teacher of children with motor deviations would use in order to instill performance and application skills to children with motor difficulties in class. (12 marks)