



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2012/2013

THIRD YEAR FIRST SEMESTER EXAMINATIONS FOR
THE DEGREE OF BACHELOR OF EDUCATION
(SPECIAL NEEDS EDUCATION) WITH INFORMATION
TECHNOLOGY
(HOMA BAY CAMPUS)

**ESE 305: CHILDREN WITH PHYSICAL
NEUROLOGICAL AND OTHER HEALTH
IMPAIRMENTS**

Date: 4th August, 2013

Time: 8.00 – 10.00 a.m.

INSTRUCTIONS

- ◆ Answer Question ONE (COMPULSORY) and any other TWO.

**ESE 305: CHILDREN WITH PHYSICAL NEUROLOGICAL AND
OTHER HEALTH IMPAIRMENTS**

(HOMA BAY CAMPUS)

INSTRUCTIONS: ANSWER QUESTION ONE AND TWO OTHERS

Q1.

(a) Define the following conditions

- (i) Muscular Dystrophy
- (ii) Spina Bifida
- (iii) Scoliosis
- (iv) Burns

(4marks)

(b) Identify and explain the three main types of cerebral palsy under movement disability.

(6marks)

(c) Describe five topographical classification of cerebral palsy according to limb involvement.

(5marks)

(d) Describe common characteristics of the two main classifications of cerebral palsy.

(5marks)

(e) Discuss the types of medical, psychological and educational interventions provided to learners with cerebral palsy.

(10marks)

Q2. Catherine's bones break easily especially when she is involved in strenuous physical exercises.

(a) List five possible causes of this condition.

(5marks)

(b) Identify five characteristics this condition might exhibit.

(5marks)

(c) Explain the types of medical and educational intervention measures you would recommend to assist Catherine.

(10marks)

Q3.

- (a) Identify the causes of Arthrogyriposis.
- (b) Name at least six characteristics of Athrogyriposis.
- (c) Discuss the medical and educational intervention which can be applied to a child with Arthrogyriposis. **(20marks)**

Q4. Nyongesa has limbs that are greatly reduced in size while others are missing from birth.

- (a) What are the possible causes of this condition?
- (b) Explain how this condition can be avoided.
- (c) What are some of the adaptive equipment that Nyongesa may require assist him in class? **(20marks)**

Q5.

- (a) Describe the two main types of Epilepsy. **(10marks)**
- (b) Explain how you would help a child who gets a seizure attack in your classroom. **(10marks)**