



JARAMOGI OGINGA ODONGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF EDUCATION

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF

EDUCATION ARTS/SCIENCE WITH IT

3RD YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR

MAIN CAMPUS REGULAR

COURSE CODE: ESE 305

COURSE TITLE: MOTOR AND NEUROLOGICAL IMPAIRMENT OF PHYSICAL

AND HEALTH IMPAIREMENT

**EDUCATION WITH LEARNERS WITH SEVERE DISABILITIES & CEREBRAL
PALSY**

EXAM VENUE:

STREAM:

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

Question one

- a) Using example explain the difference between arthopaedic and other health impairments (6 marks)
- b) describe the nature of orthogryposis multiplex congenita and how you can assist a child with this condition in your class (10 marks)
- c) Explain the causes of cystic fibrosis and the intervention strategies you can put in place to make him/her perform in your class (10 marks)
- d) using example, explain the episodic and chronic condition of learners with physical disabilities in your school. (4 marks)

Question two

- a) Explain the characteristics of a child with cerebral palsy in your class (8 marks)
- b) How can you modify the teaching and learning materials while teaching learners with cerebral palsy in your class (12 marks)

Question three

- a) explain the nature of Duchenne Muscular dystrophy in a learner in your school (10 marks)
- b) Suggest management strategies to a learner with Duchenne Muscular dystrophy in a school (10 marks)

Question Four

Discuss the nature of sickle cell anaemia and how you can assist the learner in the class (20 marks)

Question Five

- a) Explain what you view to be education problem to a learner with osteogenesis imperfecta in your class (10 marks)
- b) How can you promote academic and social participation of a learner with osteogenesis imperfecta in your class (10 marks)