

**JARAMOGI ODINGA OGINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF EDUCATION, HUMANITIES AND SOCIAL SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF SPECIAL NEEDS  
EDUCATION**

**THIRD YEAR: SEMESTER 1: 2022/2023 ACADEMIC YEAR EXAMINATION**

**MAIN CAMPUS FULL TIME- REGULAR**

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**COURSE CODE: ESB 3309**

**COURSE TITLE: MOTOR, NEUROLOGICAL AND OTHER HEALTH IMPAIRMENT.**

**DATE :**

**VENUE:**

**TIME:2HRS**

**EXAM SESSION:**

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**Instructions:**

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

## **QUESTION ONE**

- a) Using examples describe three categories of physical disabilities. ( 6 marks)
- b) List any three causes of club foot. ( 6 marks)
- c) Give the three types of spina bifida. ( 6 marks)
- d) Explain the symptoms and diagnosis of arthrogyposis in children. ( 6 marks)
- e) Explain six features of Grand Mal in a child in your class room. ( 6 marks)

## **QUESTION TWO**

- a) Account for educational implications of a student with osteogenesis imperfecta ( 10 marks)
- b) What educational interventions would you put in place to improve his/her performance (10 marks)

## **QUESTION THREE**

- A Describe different types of muscular dystrophy. ( 10 marks)
- c) As a special needs teacher the signs of a learner with muscular dystrophy. ( 10 marks)

## **QUESTION FOUR**

- a) Account for the symptoms of sickle cell disease (10 marks)
- b) How would you work with the school authority to improve the performance of such a student. ( 10 marks)

## **QUESTION FIVE**

- a) Account for the nature of scoliosis. ( 10 marks).

As a teacher a special needs teacher discuss the intervention strategies that are used to help learners with scoliosis to enhance their academic performance.. ( 10 marks)