



**JARAMOGI OGINGA ODONGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DIPLOMA IN SPECIAL NEEDS
EDUCATION
1ST YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR
REGULAR**

COURSE CODE: ESN 2114

COURSE TITLE: PATHO-BIOLOGY OF HUMAN BODY IMPAIRMENT

EXAM VENUE:LR2

STREAM: (Dip. Special Needs)

DATE: 19/8/14

EXAM SESSION: 2.00 – 3.30PM

TIME: 1.30 HOURS

Instructions:

- 1. Answer question 1 (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.**

- Q1. A) Differentiate between growth and development in human beings. (5 marks).
- B) Citing examples describe the two divisions of digestive system in human beings. (8 marks).
- C) Describe the functions of the following blood vessels.
- I) Veins
- II) Arteries
- III) Capillaries (9 marks)
- D) Explain the functions of bones in the human body. (8 marks)
- Q2 A) .Using practical examples explain the symptoms of visual impairment. (10 marks)
- B) Explain the causes of trachoma and how you can support a learner with this problem in your class.
- (10 marks)
- Q 3.A) Describe how sound travels in the human ear. (10marks).
- B) Describe the causes and implications of otitis media to a child in learning. (10 marks).
- Q4 A. Explain your role as a teacher during seizure attack to a child in your class. (20 marks)
- Q5 A. Explain the major functions of the brain. (10 marks).
- B. Explain how you can rehabilitate a child with cerebral palsy in your classroom environment (10 marks)