



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF EDUCATION  
UNIVERSITY EXAMINATION FOR THE BACHELOR DEGREE IN SNE  
2<sup>ND</sup> YEAR 1<sup>ST</sup> SEMESTER 2018/2019 ACADEMIC YEAR  
MAIN CAMPUS REGULAR**

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**COURSE CODE: ESE 101.**

**COURSE TITLE: PATH-BIOLOGY OF HUMAN BODY IMPAIRMENT.**

**EXAM VENUE:**

**STREAM: BED .SNE**

**DATE:**

**EXAM SESSION:**

**TIME: 2 HOURS**

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**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.**

Q1. A) Differentiate between growth and development in human beings. (4 marks).

B) Explain any five symptoms you are likely to observe in a child in your class with Grand Mal Epilepsy during the attack. (5 marks)

C) Identify five functions of skin in a human body. (5 marks)

D) Explain the functions of the following blood vessels given below

I) Veins

II) Arteries

III) Capillaries (6 marks)

E) Explain any five conditions that may result in unhealthy breathing when one is not aware of. (5 marks)

F) Suggest the significance of oxygen in breathing system of Human Being (5 marks)

Q2 A) .Using practical examples explain six symptoms of visual impairment. (6marks).

B) Explain the causes of trachoma and how you can support a learner with this problem in your class. (14 marks)

Q 3.a) Describe the process of hearing from the source of sound to the point of perception of sound. (12 marks).

b) i. What is Otitis Media (2 mks)

ii. Explain how it will affect the process of learning (6 mks)

(14 marks).

Q4 a). Describe the basic processes of digestion in the human body (10 marks).

b) Explain any four conditions that may result to human body impairment due to improper digestion. (10 marks)

Q5 a. Describe five major functions of the brain. (10 marks).

b. Explain how you can rehabilitate a child with cerebral palsy in your classroom environment

( 10 marks)