



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF EDUCATION
(ARTS)
1ST YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR
MAIN

COURSE CODE: ESE 101

COURSE TITLE: PATH BIOLOGY OF HUMAN BODY IMPAIREMENT

EXAM VENUE: LR. 1

STREAM: (BEd

Arts)

DATE: 17/04/14

EXAM SESSION: 2.00 – 4.00 PM

TIME: 2. HOURS

Instructions:

- 1. Answer questions 1 (compulsory) in Section A 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.**

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- Q1. a) Differentiate between growth and development in human beings. (4 marks)
- b) Explain the symptoms you are likely to observe in a child in your class with Grand Mal during the attack. (10 marks)
- c) Describe the functions of the following blood vessels.
- i) Veins
- ii) Arteries
- iii) Capillaries (6 marks)
- d) Explain the functions of respiratory system in the human body. (10 marks)
- Q2 a) .Using practical examples explain the symptoms of visual impairment. (6 marks)
- 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 how sound travels in the human ear. (6 marks).
- b) Describe the nature, causes and implications of otitis media to a child in learning. (14 marks).
- Q4 a) Explain the basic processes of digestion in the human body (12 marks)
- b) Explain any four conditions that may result in the human body impairment due to improper digestion. (8 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)
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