

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

**SCHOOL OF EDUCATION**

**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN SPECIAL NEEDS EDUCATION**

**MAIN CAMPUS**

**1ST YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR**

**SCHOOL BASED**

**COURSE CODE: DSN 2113**

**COURSE TITLE: PATHO- BIOLOGY OF HUMAN BODY IMPAIRMENT**

**EXAM VENUE: STREAM:**

**DATE: EXAM SESSION:**

**INSTRUCTIONS**

1. **Answer Question ONE(COMPULSORY) and ANY other TWO question.**
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) Differentiate between growth and development in human beings **( 6 marks)**

b) Using examples explain the following terms;

i) Physiology ii) Neuron iii) Anatomy iv) Pathology **(8marks)**

c) State the functions of bones in the human body **(10marks)**

d) Explain any three respiratory diseases **(6marks)**

**QUESTION TWO**

a) Describe the process of mechanical and chemical digestion in human beings **(10marks)**

b) Give four examples of conditions associated with improper digestion. **(10marks)**

**QUESTION THREE**

Explain how you can assist a child with Grand Mal epilepsy in your class **(20marks)**

**QUESTION FOUR**

a) Explain the symptoms of hearing impairment in a child **(10marks)**

b) Explain how you can assist a child with otitis media in your class **(10marks)**

**QUESTION FIVE**

a) With an illustration explain the functions parts of the human eye **(10marks)**

b) Explain the causes of trachoma in the human eye. **(10marks)**