



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF EDUCATION

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

1ST YEAR 1ST SEMESTER 2016/2017 ACADEMIC YEAR

SCHOOL BASED

MAIN CAMPUS

COURSE CODE: ESN 2126

COURSE TITLE: COMPUTER APPLICATION IN SPECIAL NEEDS EDUCATION

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.**

1. a. What is the function of the following hardware components of a computer:
 - i. System unit (2 marks)
 - ii. Input devices (2 marks)
 - iii. Output devices (2 marks)
- b. Distinguish between
 - i. Single user operating system and multiuser operating system (2 marks)
 - ii. Single tasking and multitasking operating system (2 marks)
 - iii. Computer software and computer hardware (2 marks)
 - iv. Storage medium and storage device (2 marks)
- b. Write the following abbreviations in full: (5 marks)
 - i. DOS
 - ii. MOUSE
 - iii. CD
 - iv. MODEM
 - v. GIGO
- c. What short cut keys would you use to do the following: (4 marks)
 - i. Underlining text
 - ii. Printing a document
 - iii. Saving a document
 - iv. Italicizing a text
- d. Which computer generations have the following as their main electronic components? (3 marks)
 - i. Ultra large scale integrated circuits
 - ii. Vacuum tubes
 - iii. Transistors

- e. State four disadvantages of computers (4 marks)
- 2. a. Describe the various types of computers as classified based on size. (10 marks)
b. How are fifth generation computers different from first generation computers? (10 marks)
- 3. Discuss how computers can be applied in educational institutions. (20 marks)
- 4. a. How are word processors better than typewriters. (10 marks)
b. What are the functions of system software of a computer? (10 marks)
- 5. a. Discuss how data in a computer can be destroyed or damaged. (10 marks)
b. Explain how you can protect data and computers against loss or damage. (10 marks)