



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

COURSE TITLE INTRODUCTION TO COMPUTERS

COURSE CODE: SCS 101

BUSIA LEARNING CENTER

DURATION 2HRS

- 1. This Examination paper has a total of FIVE questions.**
- 2. Answer *Question one* and any other TWO questions**
- 3. Write the answers on booklet provided.**

Question 1 (30 marks)

- a) Explain the term *computer* [2 Marks]
- b) Explain four types of memories used in computer system [8 Marks]
- c) List any three disadvantages of using the Internet [3 Marks]
- d) Explain the difference between Application Software and system software [4 Marks]
- e) List types of Application Software [5 Marks]
- f) You have been appointed computer technician for your organization now that you have finalized your studies. Discuss the potential benefits of computerizing the organization. [5 Marks]
- g) Explain the term *database software*. Give two examples of database software you know. [3 Marks]

Question 2 (20 marks)

- a) Explain in brief the various generations in computer technology [10 Marks]
- b) Using a diagram explain structure of computer organization architecture [10 Marks]

Question 3 (20 marks)

- a. List the major Computer System Components [4 Marks]
- b. Explain the mail merging process as used in MS word document [6 Marks]
- c. Explain the following formatting styles used in managing and formatting a document in Ms Office [10 Marks]
 - i) Font
 - ii) Font Size
 - iii) Justify
 - iv) Bold
 - v) Italic
 - vi) Underline
 - vii) Justify
 - viii) Bullets
 - ix) Decrease Indent
 - x) Increase Indent

Question 4 (20 marks)

- a) Explain in details different functions of Operating Systems [10 Marks]
- b) List any six characteristics of computer [6 Marks]
- c) Explain STAR and RING topologies in details [4 Marks]

Question 5 (20 marks)

- a) The diagram below show part of the Standard Toolbar used in windows operating system ,explain the use of any ten icons shown in the tool bar [10 Marks]



- b) List and explain any four input devices [8 Marks]
- c) Differentiate between computer virus and worm. [2 Marks]