MACHAKOS UNIVERSITY

University Examinations for 2016/2017

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY

**FIRST YEAR SECOND SEMESTER EXAMINATION FOR CERTIFICATE
IN CIVIL ENGINEERING**

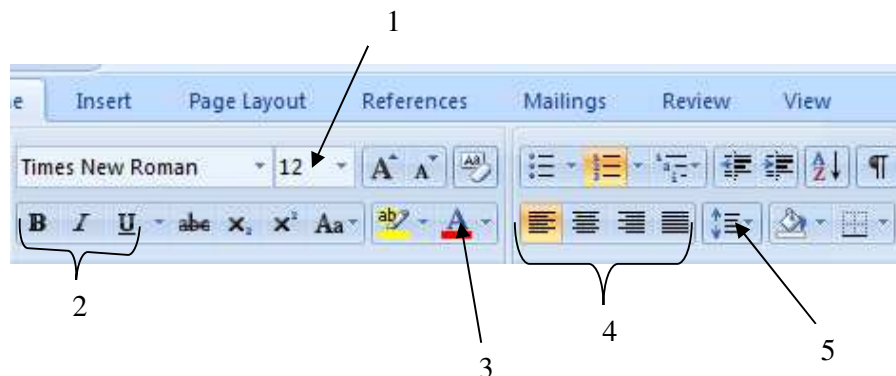**ACU 101: INFORMATION COMMUNICATION TECHNOLOGIES**

DATE: 31/5/2017   **TIME: 8:30 – 10:30 AM**

INSTRUCTIONS

Answer Questions ONE and Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

a)   Identify and state the function of the following tools   (10 marks)

b)   State any four configurations that can be done through control panel dialog box.(4 marks)

c)   Describe the TWO types of computer main memory.   (4 marks)

d)   Differentiate between numbers and Bullets as used in Ms Word   (4 marks)

e)   Define the term computer system as used in computing   (2 marks)

f)   Discuss the three major components of a computer system   (6 marks)

QUESTION TWO (20 MARKS)

a) Define the term computer. (2 marks)

b) Explain the following terms in connection with mouse usage

    i. Clicking

    ii. Double clicking

    iii. Dragging

    iv. Scrolling (8 marks)

c) Explain the meaning of the following terms as used in computing

    i. Window

    ii. Icon

    iii. Computer desktop (6 marks)

d) Explain the meaning of the word GIGO as used in computing (2 marks)

e) State the safe procedure of turning off the computer (2 marks)

QUESTION THREE (20 MARKS)

a) Define the term word processor as used in computing (2 marks)

b) State the meaning of the following terms

    i. Font size

    ii. Font colour

    iii. Font style (6 marks)

c) State any two types of lines spacing styles (2 marks)

d) Explain three reasons why a mobile phone is regarded as a computer (6 marks)

e) Distinguish between data and information (4 marks)

QUESTION FOUR (20 MARKS)

a) State four specifications to consider when acquiring a computer software (4 marks)

b) Describe the following types of computers

    i. Mainframe computers

    ii. Minicomputers

    iii. Microcomputers (6 marks)

c) Explain any two types of computers classified according to Technology (4 marks)

d) Define the term computer software (2 marks)

e) Computer main memory is divided into two; explain the two types of main memory.

(4 marks)