



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations for 2013/2014

DEPARTMENT OF COMPUTING AND APPLIED SCIENCE

End of Term Examination for Diploma in Social Work/Marketing/Business Management Module I Information Communication Technology

Date:

Time: 2 Hours

Instruction:

Answer all questions

1. Define the following terms in respect to ICT (5 marks)
 - a. Data
 - b. Information
 - c. Hardware
 - d. Software
 - e. Peripherals
2. Outline how to carry out the following operations (8 marks)
 - a. Create a folder on the desktop
 - b. Change the windows background appearance
 - c. Insert a column break in a passage in MS-Word
 - d. Save a document for the first time in MS-Word
3. Explain any four mouse techniques (8 marks)
4. Explain each of the following computer educational programs (6 marks)
 - a) Computer Aided instruction
 - b) Computer Aided Learning
 - c) Computer Based Simulation
5. Using a diagram, clearly illustrate the flow of data and instructions in a digital computer. (10 marks)
6. Identify **three** ways on how computers are classified giving two examples in each case (9 marks)
7. Explain any **five** benefits of using computers and three limitations associated with their use (8 marks)
8. Classify the following devices as either input or output (9 marks)

Scanner, Digital camera, Barcode reader, Monitor, Speaker, Microphone, Keyboard, Printer, Joystick
9. Name the technology used in the 1st 2nd 3rd and 4th generation computers (4 marks)
10. Explain **three** reasons why many international firms use mainframe computers (3 marks)