



Machakos University College

(A Constituent College of Kenyatta University)

University Examinations 2013/2014

DEPARTMENT OF COMPUTING AND APPLIED SCIENCE

Examination for Craft Certificate in Food and Beverage, Module one

Information Communication Technology

Date: Wednesday 26th 2014

Time: 8:30-10:30 AM

Instructions: answer any five questions

Question one

- a) Define the following terms as used in information technology.
- i. Data
 - ii. Information
 - iii. Computer (6mark)
- b) State three forms into which the computer can input, process and output data (3marks)
- c) State the meaning of computer system and state two components of the computer system. (6marks)
- d) State three computers classified according to size (3marks)
- e) State two components of central processing unit. (2marks)

Question two

- a) Define word processor (1marks)
- b) State the meaning of the following terms
- i. Font size
 - ii. Font colour
 - iii. Font style (6marks)
- c) State three lines spacing styles (3marks)
- d) Explain three reasons why a mobile phone is regarded as a computer (6 marks)
- e) Distinguish between data and information (4marks)

Question three

- a) Define the term port as used in computer assembly (2marks)
- b) State three type of registers (3marks)
- c) Describe three types operating system (6marks)
- d) Describe three functions of operating system (6mark)
- e) Differentiate between application packages and user program and state an example of application package. (3marks)

Question four:

- a) Draw and label the block diagram of digital computer system clearly indicating the data flow and flow of controls (8marks)
- b) State the three categories of peripheral devices giving an example in each case. (6marks)
- c) State two types of secondary, storage devices giving an example in each case. (4marks)
- d) State two configuration specification to consider when acquiring a computer system. (2marks)

Question five:

- (a). Differentiate the following terms in relation to computers:
 - i. Soft copy and Hard copy
 - ii. Save and Save As
 - iii. Moving and copying
 - iv. Cold boot and warm boot (8 marks)
- (b).State TWO types of computer memory (2 marks)
- (c) Explain the three components of the CPU (6 marks)
- (d) State four disadvantages of computerization (4marks)

Question six:

- (a) Describe the following types of computers

- i. Mainframe computers
 - ii. Minicomputers
 - iii. Microcomputers (6 marks)
- (b) Describe four advantages of computerization (4 Marks)
- (c) Describe four computers as classified by Development/Age (4 marks)
- (d) List two examples of input/output devices under the following categories
- i. Pointing devices
 - ii. Scanning devices
 - iii. Terminals (6 marks)

Question seven:

- a) Explain the meaning of the following terms as used in computer security
- i. Eavesdropping
 - ii. Biometrics
 - iii. Audit trails
 - iv. Hacking

(8 marks)

- b) Define the following terms

- i. GIGO
- ii. Computer security
- iii. virus
- iv. Application software (4marks)

- c) Describe any four computer crimes (8marks)

Question eight

- (a) You have been requested to advise your manager on different computer software. Briefly explain, giving examples, the two classes of software. (4 marks)
- (b) For the following tasks, advice your manager on the best software to acquire.
- i. Writing invitation letters

ii. Preparing pay slips

(4 marks)

(c) State two data types used in Ms-word

(2 marks)

(d) Identify the parts labelled 1 to 10 in the following Microsoft word window.

(10 marks)

