



# TECHNICAL UNIVERSITY OF MOMBASA

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INSTITUTE OF COMPUTING AND INFORMATICS

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION  
TECHNOLOGY

**UNIVERSITY EXAMINATION FOR:**

INFORMATION COMMUNACATION TECHNOLOGY

UNIT CODE: ICT

END OF SEMESTER EXAMINATION

**SERIES: APRIL 2016**

**TIME: 2 HOURS**

**DATE:** Pick Date Select Month Pick Year

## Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt any **THREE** questions.

**Do not write on the question paper.**

**Q1 (a)** Define the following computer terms

- i. Computer
- ii. Input
- iii. Output
- iv. Processing
- v. Software

**(10 marks)**

**(b)** State and explain any three classifications of computers based on their capacity and size **(6 marks)**

**(c)** Explain the main units of the Central processing unit (CPU) giving their functions

**(6 Marks)**

(d) Differentiate between RAM and ROM (4 marks)

Q2 (a) (i) Explain what a font is. (2 marks)

(ii) Name **two** different fonts. (2 marks)

(b) State the **two** different page orientations a word processed document can be set to. (2 marks)

(c) Text can be aligned in different ways to improve the appearance of a document.

State **two** different kinds of paragraph alignment, and for **each** give an example of its use.

(4 marks)

(d) (i) Explain why it is important to proofread a word processed document. (2 marks)

(ii) Name **two** word processing tools which can help proofread a document. (2 marks)

E Explain any three features wordprocessors (6 marks)

3. (a) Explain the following terms:-

(i) Computer network (2 marks)

(ii) Client (2 marks)

(iii) Server (2 marks)

(iv) Data communication (2 marks)

(b) Explain the following Network type.

(i) Local area Network (3 marks)

(ii) Wide Area Network (3 marks)

(iii) Metropolitan Area Network (3 marks)

c. State any three advantages computer Networks (2 marks)

4. (a) Explain what the following database terms mean.

(i) Record (2 marks)

(ii) Field (2 marks)

(iii) Table (2 marks)

(b) Give an example of what a business might use a database for. (2 marks)

(c) State the most appropriate data type for storing **each** of the items of data listed below.

(i) +44 (0)20 8329 2930 (1 mark)

(ii) 21 July 1969 (1 mark)

(i) 3.1415 (1 mark)

d. Explain any four advantages of database management system

(9 marks)

Q5 (a) Explain what the following e-mail terms mean.

(i) Junk mail (also known as spam) (2 marks)

(ii) (ii) Zip (2 marks)

(iii) (iii) Cc (also known as Carbon Copy) (2 marks)

(iv) (iv) Reply to All ( 2 marks)

(b) Describe two precautions you should take when using e-mail and explain why each precaution is necessary. (4 marks)

(c) Reply and Forward are two very useful e-mail commands.

(i) Explain one similarity between Reply and Forward. (2 marks)

(ii) Explain one difference between Reply and Forward. (2 marks)

(c) Name two internet software and internet browsers (4 marks)