



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

**A. M. E. C. E. A**

P.O. Box 62157  
00200 Nairobi - KENYA  
Telephone: 891601-6  
Fax: 254-20-891084  
E-mail: academics@cuea.edu

**MAIN EXAMINATION**

**JANUARY – APRIL 2015 TRIMESTER**

**FACULTY OF SCIENCE**

**DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE**

**REGULAR PROGRAMME**

**GS 102: COMPUTER LITERACY**

<b>Date: APRIL 2015</b>	<b>Duration: 2 Hours</b>
<b>Instructions: Answer Question ONE and any other TWO Questions.</b>	

- Q1. a) Define/explain the term computer. **(4 marks)**
- b) Using a well labeled block diagram, identify and briefly explain the four hardware component types that constitutes a computer. **(12 marks)**
- c) Differentiate between a computer and a computer system. **(4 marks)**
- d) Many computer users have been noticed to prefer using packaged software as compared to in-house developed systems. Explain why this is so. **(12 marks)**
- Q2. a) When considering to acquire a computer, identify and briefly explain the various properties/features that you would seek to evaluate so as to determine the one that is likely to fit your requirements. **(10 marks)**
- b) Briefly explain the functions of the following objects that are displayed on the windows desktop or as on the start menu option.
- i) My computer icon **(2.5 marks)**
  - ii) My document icon **(2.5 marks)**
  - iii) Recycle bin icon **(2.5 marks)**
  - iv) Mouse pointer **(2.5 marks)**
- Q3. a) Define/explain the term software. **(2 marks)**

- b) Differentiate between system software and application software. **(6 marks)**
- c) Many computer users are known to prefer using graphical user-interface based program like Ms Windows. Briefly explain why this is so. **(12 marks)**
- Q4. a) Identify and briefly explain the features associated with a good word processing program. **(8 marks)**
- b) Identify and briefly explain any four advantages associated with computer based word processing. **(8 marks)**
- c) List any TWO commonly used professional word processing programs in the market today. **(4 marks)**
- Q5. a) Define the term internet. **(4 marks)**
- b) Define/explain the term World Wide Web (WWW). **(4 marks)**
- c) Identify and briefly explain any four application of the internet technology. **(8 marks)**
- d) Differentiate between a Website and a Webpage. **(4 marks)**

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