INTRODUCTION TO COMPUTER SYSTEMS (CISY 101) (BBIT 111) (DCIS 101) (DBIT 120) 2ND TRIMESTER 2014

**KENYA METHODIST UNIVERSITY**

**END OF 2'***ND '***TRIMESTER 2014 (DAY) EXAMINATION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FACULTY** | |  | : | COMPUTING & INFORMATICS |
| **DEPARTMENT** | | | : | COMPUTER SCIENCE AND BUSINESS |
|  |  |  |  | INFORMATION |
| **UNIT CODE** | |  | : | CISY 101/BBIT 111/DCIS 101/DBIT 120 |
| **UNIT TITLE** | | | : | INTRODUCTION TO COMPUTER SYSTEMS |
| **TIME** |  |  | : | 2 HOURS |

|  |
| --- |
|  |

Instructions: Answer question one and any other two

**Question One**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| * Define the following terms: |  |  |  |  |  |  | (5mks) |

* Computer information system
* Software
* Network
* Virus
* Information

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| * State five roles played by information systems in the modern organizations. |  |  |  |  |  |  |  |  |  |  |  | (5mks) |
| * An operating system is a necessary system software in a computer. Explain clearly any four functions of an operating system. | | | | | | | | | |  |  | (4mks) |
| * Discuss three of the security threats that data and information can be exposed to and explain why its necessary to secure data and information. |  |  |  |  |  |  |  |  |  |  |  | (6mks) |

* The internet is one of the largest network used to facilitate E-business and E-commerce. Explain the challenges posed by the use of internet. (5mks)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * One of the major requirement of information system development process is to get the users involved. Explain why? |  |  |  | (5mks) |

**Question Two**

* Describe the major components of the computer architecture. (5mks)
* Discuss five ways in which business information systems can be used for competitive advantage. (10mks)

**Question Three**

* State five resources required when setting up a local area network. (5mks)
* State and briefly explain any five types of information system. (10mks)

**Question Four**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| * State any three office applications and for each state its main function. |  |  |  |  |  |  |  |  |  |  |  | (6mks) |
| * Mention any two features of the windows operating system. | | | | | | | | | | | | (2mks) |
| * Explain the two main parts of the CPU. | | | | | | | |  |  |  |  | (4mks) |
| * Highlight three ways of preventing a computer from being attacked by a virus. | | |  |  |  |  |  |  |  |  |  | (3mks) |

[Categories](http://online.kemu.ac.ke/kemuwiki/index.php?title=Special:Categories): [INTRODUCTION TO COMPUTER SYSTEMS](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:INTRODUCTION_TO_COMPUTER_SYSTEMS&action=edit&redlink=1) | [(CISY 101)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(CISY_101)&action=edit&redlink=1) | [(BBIT 111)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(BBIT_111)&action=edit&redlink=1) | [(DCIS 101)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(DCIS_101)&action=edit&redlink=1) | [(DBIT 120)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(DBIT_120)&action=edit&redlink=1) | [2ND TRIMESTER 2014](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:2ND_TRIMESTER_2014&action=edit&redlink=1)