Business information systems (CISY 101) (BBIT 111) (MISC 116) 1ST TRIMESTER 2015

**KENYA METHODIST UNIVERSITY**

**END OF 1'***st '***TRIMESTER 2015 (PT) EXAMINATION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FACULTY** |  | : | COMPUTING & INFORMATICS | |
| **DEPARTMENT** | | | : | COMPUTER SCIENCE |
| **UNIT CODE** |  | : | CISY 101/BBIT 111/MISC 116 | |
| **UNIT TITLE** | | | : | BUSINESS INFORMATION SYSTEMS |
| **TIME** |  |  | : | 2 HOURS |

|  |
| --- |
|  |

**INSTRUCTIONS:**

* ***Answer question One (Compulsory) and any other two question.***

**Question One (30 marks)**

|  |  |  |
| --- | --- | --- |
| * An operating system is necessary system software in a computer. Explain any four functions of an operating system. | (4 marks) | |
| * Discuss three of the security threats that data and information can be exposed to and explain why is it necessary to secure data and information. |  | (6 marks) |
| * State and explain, briefly describe any three file attributes. | (6 marks) | |
| * List any three characteristics of a good word processing software. | (3 marks) | |
| * Explain the three benefits of using computer networks in business organization. | (3 marks) | |
| * Explain the application areas of computers. | (6 marks) | |
| * Explain the two procedures of creating a folder. | (2 marks) | |

**Question Two (15 marks)**

|  |  |
| --- | --- |
| * Explain the following components of information systems. | (5 marks) |

* People
* Procedure
* Hardware
* Software
* Data

|  |  |
| --- | --- |
| * With the help of a diagram, describe the main components of the computer system. | (5 marks) |
| * Explain the following terms as used in computer system. | (5 marks) |

* Data
* Information
* Web page
* Web browser
* Uploading

**Question Three (15 marks)**

|  |  |  |  |
| --- | --- | --- | --- |
| * Briefly explain the three types of computer networks with diagrams. |  |  | (6 marks) |
| * What are the factors to be considered when purchasing a computer system? Explain | (5 marks) | | |
| * Computer memories are classified into two categories. State and briefly describe them and give two examples of each category. | (4 marks) | | |

**Question Four (15 marks**)

|  |  |
| --- | --- |
| * Explain any two types of topologies used in computers with the help of diagrams. | (5 marks) |

* Explain the following types of computer software.

|  |  |
| --- | --- |
| * System software | (2 marks) |
| * Application software | (2 marks) |
| * Highlight three features of electronic spreadsheets. | (3 marks) |
| * Ms. Power Point provides three main views for slides. Distinguish between these three views. | (3 marks) |

[Categories](http://online.kemu.ac.ke/kemuwiki/index.php?title=Special:Categories): [Business information systems](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:Business_information_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) | [(MISC 116)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(MISC_116)&action=edit&redlink=1) | [1ST TRIMESTER 2015](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:1ST_TRIMESTER_2015&action=edit&redlink=1)