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

**KENYA METHODIST UNIVERSITY**

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

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

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**INSTRUCTIONS:**

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

**Question One (30 marks)**

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| * 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)**

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

* People
* Procedure
* Hardware
* Software
* Data

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| --- | --- |
| * 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)**

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| * 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**)

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

* Explain the following types of computer software.

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| * 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) |

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