BUSINESS INFORMATION SYSTEMS (BBIT 111) (MLSC 116) 1st trimester 2014

**KENYA METHODIST UNIVERSITY**

**END OF 1'***ST '***TRIMESTER 2014 (EVENING) EXAMINATION**

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

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Instructions: Answer question one and any other two questions.

**Question One**

* Outline six benefits of computer networks in an organization. (6mks)

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| * Explain four factors to consider when purchasing software resources in an organization. |  |  |  |  |  |  |  | (4mks) |

* Briefly three ways the use of information technology can bring about improvement in productivity within a business organization. (6mks)

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| * Outline five factors affecting the efficiency and effectiveness of information systems. |  |  |  |  |  |  |  | (5mks) |

* Briefly explain five factors affecting the performance of a computer. (5mks)

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| * Explain two major impacts of information systems to a learning institution. |  |  |  |  |  |  |  |  |  |  |  | (4mks) |

**Question Two**

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| * Explain five merits to a firm that opts to use proprietary software for its operations. |  |  |  |  |  |  |  |  | (10mks) |

* Write short notes on the following
* Control unit
* Arithmetic logic unit
* Distributed processing
* Real time processing

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| * Random access memory |  |  |  |  |  | (10mks) |

**Question Three**

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| * Discuss five major functions of operating systems. | | | | |  |  | (10mks) |
| * Citing valid examples, illustrate how the application of computers has transformed organizations. |  |  |  |  |  |  | (10mks) |

**Question Four**

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| * Discuss five importance of systems theory. |  |  |  | (10mks) |
| * Define the term computer networks and describe three types of networks, noting their advantages and disadvantages. |  |  |  | (10mks) |

**Question Five**

Write short notes on the following issues in information systems. (20mks)

* Ethical issues
* Ergonomics
* Moral dimension
* Security
* Health issues

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