INTRODUCTION TO INFORMATION SYSTEMS (MISC 116) (BBIT 111) 3RD TRIMESTER 2013

**KENYA METHODIST UNIVERSITY**

**END OF 3'***RD '***TRIMESTER 2013 (PT) EXAMINATION**

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

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| ***INSTRUCTIONS*** | : | Answer Question One (Compulsory) any other TWO Questions |

**Question One**

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| * Describe the following computer terms: |  |  |  | (2marks) |

* Booting
* Trouble shooting

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| * Using relevant examples, describe the roles of the following computer specialists. |  |  |  |  |  |  | (10marks) |

* System programmers
* System analysts
* Hardware engineers
* Web designer
* Graphic designer.

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| * Using relevant examples distinguish between the following components of a computer system. |  |  |  |  |  |  | (4marks) |

* Input and output devices
* Secondary storage and primary storage devices.

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| * Describe the symptoms of virus infection in a computer. | (4marks) |

* State how you would protect the computer against virus infection.

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| * Explain techniques used to ensure that computer data files and folders are free from unauthorized access. | | | | | |  |  |  |  | (4marks) |

* Explain what happens when a computer disk is formatted. (2marks)

**Question Two**

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| * Using relevant examples, distinguish between systems and application software. |  |  |  |  |  |  |  |  | (4marks) |
| * Explain how the following software can be used in business administration. |  |  | |  |  |  |  |  | (8marks) |
| i) | Word processor | | | | | | | | |
| ii) | Electronic spreadsheet | | | | | | | | |

* Database management systems
* Presentation software

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| * Explain factors which may require an organization to do a software upgrade. |  |  |  |  |  |  |  |  | (3marks) |

**Question Three**

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| * Using relevant examples, distinguish between local and wide area computer networks. | | | |  |  |  |  |  |  | (4marks) |
| * Explain why computer networks are important in managing business data. |  |  |  |  |  |  |  |  |  | (5marks) |
| * Discuss the key management challenges involved in building, operating and maintaining information systems in an organization. | | | | | | | | | | (6marks) |

**Question Four**

* Using relevant examples, describe information system components.

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| * Using relevant examples, explain how the following information systems can be used in business administration. |  |  | | | | | | |  | (6marks) |
| i) | Transaction process system | | | | | | | | | |
| ii) | Management Information systems | | | | | | | | | |

* Decision support systems.

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| * State THREE types of decisions that can be supported by information systems in a business environment. |  |  |  |  | (3marks) |

[Categories](http://online.kemu.ac.ke/kemuwiki/index.php?title=Special:Categories): [INTRODUCTION TO INFORMATION SYSTEMS](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:INTRODUCTION_TO_INFORMATION_SYSTEMS&action=edit&redlink=1) | [(MISC 116)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(MISC_116)&action=edit&redlink=1) | [(BBIT 111)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(BBIT_111)&action=edit&redlink=1) | [3RD TRIMESTER 2013](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:3RD_TRIMESTER_2013&action=edit&redlink=1)