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

**KENYA METHODIST UNIVERSITY**

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

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

|  |
| --- |
|   |

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

**Question One**

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

* Booting
* Trouble shooting

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

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

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

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

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

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |   |   |   |   |   | (4marks) |
| * 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**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| * 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

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

**Question Three**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| * 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.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |   |   |   |   |   | (6marks) |
| * 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.

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