FUNDAMENTALS OF BUSINESS INFORMATION SYSTEMS (MISC 116) (BBIT 111) 2ND TRIMESTER 2014

**KENYA METHODIST UNIVERSITY**

**END OF 2'***ND '***TRIMESTER 2014 (DAY) EXAMINATION**

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

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Instructions: Answer question one and any other two questions.

**Question One**

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| --- | --- | --- | --- | --- |
| * Explain three ways in which the use of IT can bring improvement in productivity within a business organization.
 |   |   |   | (6mks) |
| * Explain three desirable characteristics of information in decision making.
 |   |   |   |   |   |   |   |   |   |   |   | (6mks) |
| * Discuss two distinguish features of deterministic and probabilistic systems. Give an examples of each.
 |   |   |   |   |   |   | (6mks) |

* Briefly explain three impacts of computers to a learning institution. (6mks)

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| * Explain three factors affecting the performance of a computer system.
 |   |   |   |   |   |   |   |   |   |   |   |   | (6mks) |

**Question Two**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| * Discuss three types of topologies outlining their advantages and disadvantages.
 |   |   |   |   |   |   |   | (10mks) |
| * Describe five data processing modes.
 |   |   |   |   | (10mks) |

**Question Three**

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| * Define the term operating system and explain four major functions of the operating system.
 |   |   |   |   |   |   |   | (10mks) |
| * Describe the historical development of computers outlining their hardware and software capabilities.
 |   |   |   |   |   |   | (10mks) |

**Question Four**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| * Citing specific examples and their uses, describe five classes of proprietary software.
 |   |   |   |   |   |   |   |   | (10mks) |
| * Discuss the merits to a firm that opts to use proprietary software for its operations.
 |   |   |   |   |   |   |   |   | (10mks) |

**Question Five**

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| Describe how information technology has changed the structure, operations and management of organizations. |   |   |   |   |   | (20mks) |  |

[Categories](http://online.kemu.ac.ke/kemuwiki/index.php?title=Special:Categories): [FUNDAMENTALS OF BUSINESS INFORMATION SYSTEMS](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:FUNDAMENTALS_OF_BUSINESS_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) | [2ND TRIMESTER 2014](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:2ND_TRIMESTER_2014&action=edit&redlink=1)