INTRODUCTION TO INFORMATION SYSTEMS(MISC116 , BBIT 111,CISY 101,DCIS 101,DBIT 120,)2ND TRIMESTER 2016 FT

**KENYA METHODIST UNIVERSITY**

**END OF 2'***ND '***TRIMESTER 2016 (FT) EXAMINATION**

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| **FACULTY** |   | : | COMPUTING & INFORMATICS |
| **DEPARTMENT** | : | COMPUTER SCIENCE |
| **UNIT CODE** |   | : | '***MISC116/BBIT 111/CISY 101/DCIS 101/DBIT 120*** |
| **UNIT TITLE** |   | : | '***INTRODUCTION TO INFORMATION SYSTEMS*** |
| **TIME** |   |   | : | 2 HOURS |

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**INSTRUCTIONS**

* ***Answer Question One and any Other Two Questions'''''***.

**Question One**

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| * Distinguish between the following terms:
 |   |   |   | (10mks) |

* Open and closed system
* Deterministic and stochastic system
* Open loop and closed loop system
* Computer virus and computer worm
* System software and application software
* Elaborate on the business process reengineering concept and its

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| --- | --- | --- | --- | --- | --- | --- |
|   | relevance to modern organizations. |   |   |   |   | (5mks) |
| * Discuss the following terms:
 |   |   |   |   |   | (6mks) |

* Control unit
* Arithmetic and logic unit
* Main memory

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| * Define the term "interface" and explain its role in a system.
 | (5mks) |
| * Explain the key roles of secondary storage
 |   |   | (4mks) |

**Question Two**

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| * Discuss six common classes of proprietary software.
 |   | (12mks) |

* Explain four types of reports generated by management reporting

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|   | Systems. |   |   |   |   |   |   |   |   | (8mks) |

**Question Three**

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| * Analyze five key generations over which computers have evolved.
 |   |   |   |   |   |   |   |   |   |   |   |   | (10mks) |

* Discuss the various information system based strategies that can be

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| --- | --- | --- | --- | --- | --- | --- |
|   | used to counter the market forces. |   |   |   |   | (10mks) |

**Question Four**

* Discuss four factors that influence the speed of a computing devices.

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|   |   |   |   |   |   |   |   |   |   |   | (8mks) |

* Explain six factors that have affected adoption of information systems

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | within organizations. |   |   |   |   |   |   | (12mks) |

[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) | [(MISC116](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:(MISC116&action=edit&redlink=1) | [BBIT 111](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:BBIT_111&action=edit&redlink=1) | [CISY 101](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:CISY_101&action=edit&redlink=1) | [DCIS 101](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:DCIS_101&action=edit&redlink=1) | [DBIT 120](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:DBIT_120&action=edit&redlink=1) | [)](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:)&action=edit&redlink=1) | [2ND TRIMESTER 2016 FT](http://online.kemu.ac.ke/kemuwiki/index.php?title=Category:2ND_TRIMESTER_2016_FT&action=edit&redlink=1)