

Uganda Martyrs University

Faculty of Science

BSc IT III 2013/2014

Science, Technology & Ethics

Final Assessment: 9th December 2013

Time: 3 Hours

INSTRUCTIONS:

- i) Read the questions carefully and understand them.
- ii) Answer only ONE (1) question from Each Section.
- iii) Use GOOD BLUE ink and do NOT write more than 4 PAGES per question.

Section A

1. Information Technology (IT) is considered as a vital infrastructure especially in developing countries. How, then, would you advise your government to use *the Scientific Method* to plan and effect your country's IT infrastructure for better competitiveness?

Section B

2. Utilitarianism is the most practical decision making theory. How would you justify such statement basing on the life at Uganda Martyrs University? What major weaknesses have you identified in this theory?
3. Deontology is based on duty and relationship between persons. How is it often applied at Uganda Martyrs University?
4. John Rawls presents Justice as Fairness. How fair is it for private businesses to engage in social justice in order to improve their competitiveness?

Section C

5. Why and how would you advise *small, rural and struggling* business operators to use mobile phones to boost their enterprises?
6. How can you use Information Technology to protect whistleblowers in your country?
7. Basing on the film *Disclosure*, discuss the relevance of accurate and timely information flow for any business success.

Good Luck & Merry Christmas