

 W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**……………….. SEMESTER EXAMINATION FOR THE DEGREE**

**OF BACHELOR INFORMATION TECHNOLOGY**

**BBT 2222: ICT AND SOCIETY**

**DATE: AUGUST 2015 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

1. With a relevant example, explain how the following list has impacted

on the society: [10 marks]

1. Virtual community
2. Social relationships
3. Gamming society
4. Computer ergonomics
5. Green computing
6. Define the following terms giving examples: [8 marks]
7. Professional ethics
8. Patents
9. Copy rights Law
10. Trade marks
11. With relevant examples, give ethical issues that have come up due to IT use.

Suggest appropriate measures currently being implemented to address

this issues. [8 marks]

1. Outline FOUR benefits of the professional code of conduct existence. [4 marks]

**QUESTION TWO (20 MARKS)**

1. Outline THREE reasons why we need ethics in computer. [3 marks]
2. With relevant examples, explain FIVE rimes likely to be committed

over the internet. [10 marks]

1. i) What is computer forensic? [2 marks]

ii) Give examples of digital evidence used to investigate a crime

committed using a computer. [5 marks]

**QUESTION THREE (20 MARKS)**

1. Discuss some of the trends that have increased unethical use of IT. [5 marks]
2. According to the Law Society of Kenya, it has been difficult to prosecute

computer crimes. Discuss the challenges faced in investigating

computer crimes. [10 marks]

1. Give FIVE ways companies can use to safeguard against computer crime. [5 marks]

**QUESTION FOUR (20 MARKS)**

1. Using appropriate examples, give any FIVE security threats to an IT system

and suggest measures to protect data against this threat. [10 marks]

1. Mr. Kai has been asked to integrate the company’s ERP system with a weaker

system from a merger company. Describe the process of implementing this

considering all ethical factors in decision making. [10 marks]

**QUESTION FIVE (20 MARKS)**

1. An IT professional must maintain ethical relationship with employees,

clients, other professional and society at large. Discuss FIVE principles

that should guide him/her in this relationship. [10 marks]

1. Explain the ethical issues that the use of IT has brought about and suggest

appropriate measures currently being put in place to address them. [10 marks]