



# **JARAMOGI OGINGA ODINGA UNIVERSITY FOR SCIENCE & TECHNOLOGY**

**School of Informatics and Innovative Systems**

**Department of Computer Science and Software Engineering**

**KISUMU LEARNING CENTER**

**BSc Computer Security & Forensics**

**YEAR ONE: SEMESTER one**

**September - December 2013**

**Course Code: IIT 3126**

**Course Title: Computer, Laws, Ethics and Society**

## **INSTRUCTIONS:**

- i. This paper contains five (5) questions.**
- ii. Question ONE is Compulsory and any other TWO questions**
- iii. Answer the questions on the booklet provided**

### Question 1 – 30 marks

- a) Define Cyber Crime? (2marks)
- b) What are two examples of real life cyber crimes? (2 marks)
- c) Which Law in Kenya covers cyber crime? (2 marks)
- d) What is the regulatory body mandated by the constitution to manage data communication in Kenya? (2 marks)
- e) What body is mandated by the regulatory board to deal directly with cyber crime? (2 marks)
- f) What are three personal and three environmental motivations for the commission of cyber crime? (6 marks)
- g) What does Kenya copyright law provide for the life/duration of a copyright? (4 marks)
- h) What are 4 effects of piracy on the pirate? (4 marks)
- i) What does **due diligence** stand for in reference to matters of legal liability? (2 marks)
- j) What does **due care** stand for in reference to matters of legal liability? (2 marks)
- k) What does **burden of proof** stand for as a legal term? (2 marks)

### Question two 20marks

- a) What are 6 types of industrial espionage? (6 marks)
- b) What is the main difference between ethics and laws? (2 marks)
- c) Name four origins of ethics? (4marks)
- d) What are four ways of conducting competitive intelligence? (4 marks)
- e) What are two ethical responsibilities by custodians of data to data owners? (2 marks)
- f) What are two fallacies of the computer generation with regards to ethics? (2 marks)

### Question three 20marks

- a) What are four events that occur during the detection and containment stage of an investigation process? (4 marks)
- a) What are four factors to consider before starting an investigation? (4 marks)
- b) What are 6 factors to consider when handling evidence i.e. chain of evidence (accountability and protection)? (6 marks)
- c) What are 6 things to consider before seizing a system during investigations of a computer/cyber crime? (6marks)

### Question Four 20marks

- a) What does an interface stand for in computing? (2 marks)
- b) There are four considerations for an interface designer? (4 marks)
- c) What are four reasons an interface can be considered to be good according to the users? (4 marks)
- d) What are 4 types of user interfaces? (4 marks)
- e) What is a Graphic User Interface (GUI) and what are two examples? (4 marks)
- f) What are two common GUI features? (2 marks)

### Question Five 20marks

- a. What law in Kenya covers copyright? (2 marks)
- b. What is the regulatory body formed by the law mentioned above, and what's its mandate? (4 marks)
- c. What are four functions of the regulatory body mentioned above? (4marks)
- d. What are six types of works covered by copyright in Kenya? (6 marks)

- e. What are four common **Labour and Management Relation** problems that can come about due to the use or misuse of computers in the work place? (4 marks)