



TECHNICAL UNIVERISTY OF MOMBASA

# Faculty of Engineering & Technology

UNIVERSITY EXAMINATION FOR:  
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT 12J)

**EIT 2313: PROFESSIONAL ISSUES IN IT**

END OF SEMESTER EXAMINATION

**SERIES: APRIL 2014**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions.

Attempt question **ONE (COMPULSORY)** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

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**Question One (Compulsory)**

- a) Differentiate between the following categories of laws:
- (i) Common law and statute law (4 marks)
  - (ii) Private law and public law (4 marks)
  - (iii) Civil law and criminal law (4 marks)
- b) Why is it so difficult to hold software services liable for failure or injury? (3 marks)
- c) Explain THREE common ethical issues that face IT users. (6 marks)
- d) Distinguish between a bribe and a gift. (3 marks)

- e) What is a professional code of conduct? Highlight FOUR benefits that an individual, a profession and a society might gain when implementing codes of ethics. **(6 marks)**

### **Question Two**

- a) When a confronted with a situation that seems to present ethical issues, explain FIVE steps that will help you analyze it. **(10 marks)**
- b) Most corporations are interested in foresting good business ethics. Explain FIVE reasons why it is important to the corporations. **(10 marks)**

### **Question Three**

- a) Explain FOUR reasons why there has been a dramatic increase in the number of computer related security incidents in recent years. **(8 marks)**
- b) Information systems created new ethical dilemmas in which one set of interests is pitted against another. Briefly explain any TWO real-world ethical dilemmas **(4 marks)**
- c) Define the term defamation and briefly differentiate between the term slander and libel. **(4 marks)**
- d) Free speech includes nonverbal, visual and symbolic forms of expressions. When is a speech considered to be obscene? **(4 marks)**

### **Question Four**

- a) Explain THREE ethical problems between members of the IT profession. **(6 marks)**
- b) Highlight TWO key characteristics distinguish a professional from other kinds of workers. **(2 marks)**
- c) Intellectual property is considered to be intangible property created by individuals or corporations. Explain THREE legal traditions that protect intellectual property. **(6 marks)**
- d) Explain THREE situations on how management can affect employees ethical behavior. **(6 marks)**

### **Question Five**

- a) Although you are the only one who can decide which among many ethical principles you will follow, and how you will prioritize them, it is helpful once you analysis some ethical principles with deep roots in many cultures that have survived throughout record history. Explain any FIVE ethical principles or rules one should use to make a decision. **(10 marks)**
- b) What are the differences between responsibility accountability and liability? **(6 marks)**
- c) Highlight FOUR steps to combat student plagiarisms **(4 marks)**