

# Murang'a University College

(A Constituent College of Jomo Kenyatta University of Technology)

School of Business & Economics

Department of Commerce

**First Semester End of Trimester 2013/2014 examinations**

**Unit Title: ICT and Society**

**1<sup>st</sup> Semester Year 2**

**Unit Code: HBT 2202**

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## **Question One**

- a) Briefly explain the meaning of the following terms (10 marks)
  - i.) Society
  - ii.) Technology
  - iii.) Information and Communication Technology ((ICT)
  - iv.) Telecommuting
  - v.) Code of Ethics
- b) Explain any four benefits computers bring to transportation e.g. in cars, airplanes (8 marks)
- c) What is intellectual property? Give two examples of intellectual property (4 marks)
- d) In addition to monetary costs, there are ethical and social costs of e-crimes; discuss three of these "hidden" costs. (6 marks)
- e) What is the difference between privacy and anonymity? (4 marks)

## **Question Two**

- a) Compare and contrast the technical and socio-technical views of ICT. (12 marks)
- b) Define the terms security and explain the three elements of security. (8 marks)

## **Question Three**

- a) Discuss four effects of Electronic Monitoring on employees. (8 marks)
- b) What do you understand by the term digital divide? (3 marks)

- c) One of the objective of Kenyan ICT National Policy of 2006 is reduce digital divide in the country and spur growth and poverty reduction. Discuss three challenges of ICT in national development and show how the government has tried to address them. (9 marks)

#### **Question Four**

- a) Explain five reasons that has attributed to rapid rather strange growth of cyber crimes (10 marks)
- b) Discuss any five computer crime prevention strategies (8 marks)
- c) Briefly explain the term ergonomics. (2 marks)

#### **Question Five**

- a) Discuss **four** different ways in which individuals and organizations protect their intellectual property (8 marks)
- b) Explain the concept open source as an alternative of distributing software and elucidate any four beneficial consequences of Open-Source Software (12 marks)