



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATION 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

SCT 301: PROFESSIONAL PRACTICE AND ETHICS

DATE: TUESDAY, 10TH APRIL 2012

TIME: 11.00 A.M – 1.00 P.M

INSTRUCTIONS

ANSWER ALL THE QUESTIONS IN SECTION A AND ANY OTHER 2 QUESTIONS FROM SECTION B.

SECTION A

QUESTION 1: (30 MARKS)

a) Define the following terms:

- | | |
|-----------------------------|----------|
| i. Ethics | (1Mark) |
| ii. Contract | (1 Mark) |
| iii. Volenti non fit injure | (1 Mark) |
| iv. Privacy | (1 Mark) |
| v. Copy right | (1 Mark) |

b) Outline the computer hardware seller's obligations with regards to

The right to sell, Description and Quality (6 Marks)

c) Briefly explain Egoism and Utilitarianism views in relation to Ethics (4marks)

d) Briefly explain the following professional relationship in relation to ethics (9 Marks)

- i. Employer and Employee
- ii. Client and Professional
- iii. Society and Professional

e) Distinguish between criminal Law and civil Law as applicable to Computer and Information Technology areas. (6 Marks)

SECTION B

QUESTION 2 (20 MARKS)

- a) Briefly explain the ethical and societal challenges of Information Systems and Technology in the modern World. (5 Marks)
- b) Using illustrations and examples bring out an ethical model explaining how various factors affect people's ethical decision making process. (5 Marks)
- c) Bring out the stages of moral evolution emphasizing on how people evolve in their moral orientation through different levels of ethical reasoning and the effect of Information Technology on professional and ethical behavior. (10 Marks)

QUESTION 3 (20 MARKS)

- a) Bring out the sources of Kenya Law of Contract and its objectives. (5 Marks)
- b) Briefly explain the following terms as used in the Law of Contract:
 - i. Offer and Acceptance (2 Marks)
 - ii. Implied and Express Warranties (3 Marks)

- c) You have completed a Software development project and have produced a Software product which you want to sell to the client.

You are required to execute the contract of sale, implied Warranties and Express

Warranties as required by the Law of Contract. (10 Marks)

QUESTION 4: (20 MARKS)

- a) Briefly explain the following terms:

i. Intellectual Property rights. (2 Marks)

ii. Patent (2 Marks)

iii. Copy right (2 Marks)

iv. Plant Breeders rights (2 Marks)

- b) Bring out the doctrine of fair use as it is applied to teachers, writers and Software developers. (6 Marks)

- c) Patents grant the owner some exclusive monopoly to the ideas behind an invention for a period of time. Bring out the necessary requirements for filing a patent application to the relevant authority for protection. (6 Marks)

QUESTION 5: (20 MARKS)

- a) Briefly explain the following terms:

i. Computer Crime (2 Marks)

ii. Software License (2 Marks)

iii. Unenforceable Contract (2 Marks)

iv. Capacity of parties (2 Marks)

- b) Bring out the property rights that are licensed in Software contracts.

(6 Marks)

- c) Explicate the liability for Computer Software Developers and users.

(6 Marks)

