



W1-2-60-1-6

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS 2018/2019

EXAMINATION FOR THE DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY

BIT 2313: PROFESSIONAL ISSUES IN INFORMATION TECHNOLOGY

DATE: AUGUST 2019

TIME: 2 HOURS

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

- 1)
- a) Define the following terms:
 - i) Trademark
 - ii) Escrow
 - iii) Strict liability(3 Marks)
 - b) Define the term "Fair use" as used in intellectual property law and explain the four factors considered in determining if the usage can be classified as fair use (5 Marks)
 - c) Differentiate between the following (8 Marks)
 - i) Copyright and Patent right
 - ii) Private Law and Public Law
 - iii) Computer misuse and computer crime
 - iv) Implied contract and expressed contract
 - d) Describe the following types of license agreements for off the shelf software
 - i) Shrink-Wrap License Agreement
 - ii) Click -Wrap License Agreement(4 Marks)
 - e) Define the term contract and discuss any four essential elements of a valid contract. (10 Marks)
- 2) a) Briefly describe the following types of computer misuse as defined by the English criminal law (10 Marks)
 - i) Computer Fraud
 - ii) Cyber-terrorism
 - iii) Cyber Stalking
 - iv) Sexual harassment
 - v) Identity theft

b) Briefly explain the following areas of professionalism discussed in the code of ethics for computing professionals.

- i. Integrity
- ii. Professional independence
- iii. Confidentiality
- iv. Technical standards
- v. Professional competence

(10 Marks)

3)

a) Discuss the importance of the Law of Confidence and discuss the criteria that must be satisfied to determine a breach of confidence has occurred (8 Marks)

b) Define the term Repetitive Strain Injuries and describe how it occurs. (4 Marks)

c) Outline the powers accorded to inspectors appointed under the health and Safety at work Act 1974 (4 marks)

d) Telecommuting or Tele-working has put a lot of pressure on the survival of today's families. Discuss (4 Marks)

4) You have been prequalified by the XYZ Company to develop a Bespoke software for their payroll.

a) Develop a comprehensive software contract before the work can commence. (14 Marks)

b) Discuss the following areas under which you can be sued for a defective software

- i) Negligence
- ii) Criminal

(6 Marks)