



Scott Christian UNIVERSITY

SCHOOL OF PROFESSIONAL STUDIES

BACHELOR OF INFORMATION COMMUNICATION TECHNOLOGY

UNIT CODE/NAME: BCT 226: LEGAL AND ETHICAL ISSUES IN COMPUTING

September- December 2019/2020 End Semester Exam - Time: 2 Hours

Instructions: Answer Question ONE (Compulsory) and any other TWO questions.

QUESTION ONE

- a) Distinguish between law and ethics. (2 Marks)
- b) Describe what the term *information systems ethics* means. (2 Marks)
- c) Define the term *intellectual property* and explain the protections it provides to varied bodies. (3 Marks)
- d) Describe what you understand by Trademark and distinguish the two types of Trademarks that exist by use of examples. (6 Marks)
- e) Discuss in detail what an information security practitioner can do that can help to minimize the organization's legal liabilities. (3 Marks)
- f) Write something on the Federal Privacy Act. (3 Marks)
- g) Outline the role of government in e-governance in relation to legal and ethical issues. (3 Marks)
- h) Provide THREE reasons to the increase in Cyber Crime across the globe. (3 Marks)
- i) Organisations exist that aim to provide standards for professionals. Examples of Two organisations that represent computing professionals are the Association for Computing Machinery (ACM), and the Institute of Electrical and Electronics Engineers (IEEE) Computer Society. Between them, these organisations develop the Code of Ethics. Discuss FIVE principles contained in The Code of Ethics. (5 Marks)

QUESTION TWO

- a) Explain the role of culture as it applies to ethics in information security. (2 Marks)
- b) Mention THREE of the best-known intellectual property protections as discussed in class. (3 Marks)
- c) Explain what you understand by a code of ethics and describe the advantages and disadvantages. (10 Marks)

QUESTION THREE

- a) Define what you understand by patent and mention the body responsible for patent application and where it can be submitted in Kenya. (3 Marks)
- b) Outline THREE factors considered when determining if something constitutes fair use. (3 Marks)

- c) Discuss a contract and parties involved in a contract. (4 Marks)
- d) As an information security professional employed at Scott University, explain in detail how you can assist in deterring unethical and illegal behavior of other employees in the institution. (5 Marks)

QUESTION FOUR

- a) Outline FIVE organization's responsibility regarding the security of information in their jurisdiction. (5 Marks)
- b) Identify and discuss FIVE types of Laws in place that govern ethics. (10 Marks)

QUESTION FIVE

- a) Discuss FOUR of the most important responsibilities of an information security professional in any organization. (4 Marks)
- b) Describe the challenges that information technology brings to individual privacy in an organization set up. (5 Marks)
- c) Deterrence is the best method for preventing an illegal or unethical activity. Laws, policies, and technical controls are all examples of deterrents. However, it is generally agreed that laws and policies and their associated penalties only deter if conditions are present. Discuss THREE of these conditions. (6 Marks)