



(Knowledge for Development)

KIBABII UNIVERSITY

(KIBU)

**UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR**

**SPECIAL/SUPPLEMENTARY EXAMINATIONS
YEAR FOUR SEMESTER ONE EXAMINATIONS**

**FOR THE DEGREE OF BACHELOR OF
SCIENCE**

(COMPUTER SCIENCE)

COURSE CODE : CSC 422

**COURSE TITLE : LEGAL AND ETHICAL
ISSUES IN IT**

DATE: 09/02/2021

TIME: 11:0 A.M - 01:00 P.M

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE [COMPULSORY] [30 MARKS]

- a. Give four examples of how professional bodies can contribute to professional practice in organisations [4 marks]
- b. What is the difference between law and ethics? [4 marks]
- c. What is civil law and what does it accomplish? [4 marks]
- d. Give four of examples of public law? [2 marks]
- e. Suggest the best method for preventing an illegal or unethical activity in the IT department of an organization [4 marks]
- f. What is the difference between an agreement and a contract? [3 marks]
- g. How does due diligence differ from due care? Why are both important? [5 marks]
- h. Differentiate between act utilitarianism and rule utilitarianism [4 marks]

QUESTION TWO [20 MARKS]

- a. A programmer, after returning from a holiday to an underdeveloped country, was deeply affected by the level of poverty. When he returned to his job in a large international corporation, it occurred to him that he could write a program that filtered off small amounts of money from the advertising account and pay it in to a private account. His idea was to collect enough money to provide IT equipment and training to the people in the town he had visited on holiday. However, he is not sure about his decision.
- i. What solution does a Kantian approach offer? [3 marks]
- ii. What solution does a consequentialist approach offer? [3 marks]
- iii. Are their conclusions the same? [3 marks]
- iv. What do *you* think he should do? [3 marks]
- b. Create a framework for understanding ethical issues, and making informed decisions in IT [8 marks]

QUESTION THREE [20 MARKS]

- a. People become whistleblowers for different reasons, discuss how morality of action may depend on motives. **[4 marks]**
- b. Apart from offer and acceptance and an intention to create legal relation, briefly discuss the remaining four elements of a contract. **[8 marks]**
- c. Alan is a tenant of a home unit owned by Bill. Ten days ago Alan received a letter from Bill in which Bill stated that he (Bill) was 'interested in selling' his flat and asking Alan to 'let him know' if he (Alan) was willing to buy the home unit for the price of \$450,000. Three days later Alan posted a letter to Bill in which he agreed to buy the home unit for the price set out in Bill's letter. After receiving Alan's letter, Bill telephoned Alan and told him that he had decided that he did not want sell the home unit. Alan seeks your advice as to whether he has a contract with Bill for the sale of the home unit. **[8 marks]**

QUESTION FOUR [20 MARKS]

Discuss how Information technology and automation is affecting workplace. Your discussion should include the good, the bad and moral dimension of the following aspects of the workplace.

[20 marks]

- a. productivity
- b. Globalization of job market
- c. Organization of companies
- d. Telework
- e. Workplace monitoring

QUESTION FIVE [20 MARKS]

- a. Copying an intellectual property is different from stealing a physical object. Justify this statement with a relevant example. **[4 marks]**
- b. The Value of intellectual properties is much greater than the value of the media. Explain this statement with respect to intellectual property protection. **[4 marks]**
- c. Goodies is clothes outlet for leading brands in many towns in the Kenya. The company is considering creating a 'try-it-online' web site for customers to visualise through the web site how clothes look on themselves. Goodies is not the first company to provide an online provision of this type. Explain how Goodies can protect its intellectual property for the new service using:
- i) Trademarks **[4 marks]**
 - ii) Copyright and design rights **[2 marks]**
 - iii) Domain names **[2 marks]**
- d. Another company, Wakhu Apparel, has complained that Goodies has copied its ideas for the e-commerce facility and is therefore infringing its intellectual property rights. On what grounds might Wakhu Apparel take legal action? **[4 marks]**