

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY.

SCS 2124: IT AND SOCIETY

UNIVERSITY EXAMINATION

Answer ALL questions in Section A and ANY TWO questions in Section B.

SECTION A (30 marks)

1. What is a computer crime? List two crimes done with the computer. (3 marks)
2. State the differences between data and information. (3 marks)
3. What are the advantages of ICT in the society? (3 marks)
4. Using examples, differentiate between ethics and law.(3 marks)
5. Why do we need intellectual property law? (3 marks)
6. Many companies monitor or intercept employees' e-mail messages. Do you think this practice is acceptable? Briefly motivate your answer. (3 marks)
7. What is the relationship between security threats and measures? (3 marks)
8. Briefly describe three stages in the information life cycle. (3 marks)
9. Define three features the make information useful. (3 marks)
10. Why would you prefer to use visual aids in communication? (3 marks)

SECTION B (30 marks)

QUESTION TWO.

We do not want strangers to read our email, use our computer to attack other systems, send forged e-mail from our computer, or examine personal information stored on our computer such as financial statements. Discuss the type of security that should be implemented to our ICT equipment in order to prevent and control the theft. (15 marks)

QUESTION THREE.

- a) Define an intellectual property. Describe the types of intellectual property protection with examples. (15 marks)

QUESTION FOUR.

Data theft is becoming more common because there is money to be made from it. There is need for Complete Data Protection. Discuss the data protection strategy. (15 marks)

QUESTION FIVE.

ICT development has changed every aspect of the human society. It has affected our life in many ways. Discuss the positive and negative impacts in the society. (15 marks)