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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
SECOND YEAR, FIRST SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF BUSINESS INFORMATION TECHNOLOGY

Date: 4th August, 2022
Time: 8.30am –10.30am

KBA 2215 - BUSINESS AND INFORMATICS LAW

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

Read the following excerpt carefully and answer the questions that follow

Cyber Laws are the sole savior to combat cyber-crime. It is only through stringent laws that unbreakable security could be provided to the nation's information. The I. T. Act of India came up as a special act to tackle the problem of Cyber Crime. The Act was sharpened by the Amendment Act of 2008.

Cyber Crime is committed every now and then, but is still hardly reported. The cases of cyber-crime that reaches to the Court of Law are therefore very few. There are practical difficulties in collecting, storing and appreciating Digital Evidence. Thus the Act has miles to go before it can be truly effective.

- a) What is a cyberspace (3 marks)
- b) What is a Digital Signature (3 marks)
- c) What is Electronic Signature (4 marks)
- d) State and describes the attack categories and their description in relation to cybercrimes and cyber laws. (10 marks)
- e) State and explain the Emerging Trends of Cyber Law in the world today. (10 marks)

QUESTION TWO (20 MARKS)

- a) Back in the year 1999, the government passed an important legislation based on international practices to safeguard the intellectual property rights. Discuss those legislations (5 marks)
- b) Discuss activities which are covered by the intellectual property rights that are laid down by the World Intellectual Property Organization (WIPO). (10 marks)
- c) Discuss types of Network Security Devices in relation to cyber law. (5 marks)

QUESTION THREE (20 MARKS)

- a) Discuss the Mission and Vision Cybersecurity Program. (4marks)
- b) There are some grave cyber law related issues that deserve immediate consideration by the government of India. State those issues in relation to Kenyan government. (10marks)
- c) Mention some tips to prevent cyber-crimes. (6 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss four types of intellectual property rights. (5 Marks)
- b) In detail discuss different types of attacks affecting our computers. (10 marks)
- c) Discuss the activities which are covered by the intellectual property rights and are laid down by the World Intellectual Property Organization (WIPO). (5 marks)

QUESTION FIVE (20 MARKS)

- a) With their merits and demerits state the four types of intellectual property rights. (5 marks)
- b) List and explain five top strategies for mitigating cybersecurity incidents across your IT ecosystem. (5 marks)
- c) Discuss Offence & Penalties passed by the Information Technology Act 2000. (10 marks)