

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

MAIN/EMBU CAMPUS

**EXAMINATION FOR THE AWARD OF CERTIFICATE IN CRIMINOLOGY
AND SECURITY STUDIES**

CRSS 00108: CYBER CRIME AND SECURITY

STREAMS: CERT. CRSS (Y1S2)

TIME: 2 HOURS

DAY/DATE: TUESDAY 21/09/2021

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer question one and any other two questions**
- **No reference materials are allowed in the examination room**
- **All answers should be in essay form**

Question one

- a) Define cybercrime and state one strategy of addressing it. (2 marks)
- b) Write notes on;
 - i. Cyber security (3 marks)
 - ii. Computer virus (3 marks)
- c) Computer virus spread by inserting or attaching itself to legitimate program or document. Discuss four ways. (8 marks)
- d) Explain four impact and damage cybercrime can have on an organization (8 marks)
- e) Discuss three types of cybercrimes. (6 marks)

Question two

Explain the Kenyan laws that have been enacted to prevent the spread of cybercrime in the country. (20 marks)

Question three

- a) Discuss the effect of virus on a computer device. (10 marks)
- b) Cybercrime may not be possible to completely eradicate but can be reduced. Explain some of the ways of minimizing cybercrime. (10 marks)

Question four

- a) There are several types of hackers. Explain any five of them. (10 marks)
- b) Examine five methods of detecting a computer virus in a computer system. (10 marks)

Question five

- a) Explain the common crimes linked to a computer or internet usage. (10 marks)
 - b) Kenya encounters numerous challenges in prosecuting cybercriminals. Discuss any five challenges (10 marks)
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