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KOGI STATE UNIVERSITY, KABBA
FACULTY OF SCIENCE AND COMPUTING (Department of Computer Science)
CYB 203: Cybercrime and Countermeasures

Session: 2024/2025, Semester: First

Date: 26/03/2025

UNIT: 2

Time allowed: 2 Hours

Instructions: QUESTION ONE IS COMPULSORY; Answer any other TWO (2) questions

- 1(a) In not more than 2 sentences, state what you understand by cybercrime. [2 marks]
 - (b) Explain briefly the concept of cybercrime from the perspectives of the following agencies
 - (i) United Nations Office on Drugs and Crime (UNODC) [3 marks]
 - (ii) Council of Europe Convention on Cybercrime [3 marks]
 - (iii) Federal Bureau for Investigation (FBI) [3 marks]
 - (iv) The European Union Agency for Cybersecurity [3 marks]
 - (c) Discuss briefly the three generations in the evolution of cybercrimes and give examples of cyber crimes in each generations. [10 marks]
2. Use relevant examples to explain the following types of crimes
- (a) Financial Cybercrimes [3 marks]
 - (b) Cyber Espionage and Information Theft [3 marks]
 - (c) Cyber Attacks on Critical Infrastructure [3 marks]
 - (d) Cyber Attacks on Power Grids and Utilities [3 marks]
 - (e) Cyber Extortion and Blackmail [3 marks]
 - (f) Cyber Harassment and Online Abuse [3 marks]
 - (g) Cyber Attacks on Individuals and IoT Devices [3 marks]
 - (h) Online Child Exploitation and Abuse. [2 marks]
- 3(a) Explain briefly five causes of cybercrime [11½ marks]
- ✓(b) Discuss briefly five effects of cybercrime [11½ marks]
- 4(a) Identify and explain the key provisions of the Cybercrimes (Prohibition, Prevention, etc.) Act, 2015. [12 marks]
- (b) Explain briefly three ways by which the Cybercrimes (Prohibition, Prevention, etc.) Act, 2015 aids the protection of Critical National Information Infrastructure (CNII). [9 marks]
- (c) List any two activities prohibited by the Cybercrimes (Prohibition, Prevention, etc.) Act, 2015. [2 marks]
- 5(a) Identify and explain the major responsibilities and functions of the EFCC with respect to cybercrime prevention and detection. [7 marks]
- ✶(b) How does the EFCC collaborate with other stakeholders (such as government agencies and the general public) and coordinates its activities in order to combat cybercrime? [7 marks]
- (c) In which ways do the Interpol support member countries in the fight against cybercrime? [8 marks]