



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Sciences
Department of Computer Science
2023_1 POP EXAMINATION

COURSE CODE: CIT410

COURSE TITLE: Cyber-Security

CREDIT: 2 Units

TIME ALLOWED: 2 Hours

INSTRUCTION: Answer Question ONE (1) and any other TWO (2) Questions

Question 1

1a. Provide an explanation on the three levels of computer ethics? **6 marks**

1bi. List the four phases of digital evidence? **2 marks**

1bii Discuss any three (3) challenges that email forensic investigator may face during the investigation? **(6 marks)**

1c. Filtering rules are based on information contained in a network packet. Discuss the rules (8 marks)

1d. Cybercrime can be basically categorized into three parts. Name them **(3 marks)**

1e. Write on Identity theft? **(5 marks)**

Question 2

2a. Discuss any five (5) purposes of Codes of Ethics **(10 marks)**

2b. Discuss any six (6) classification of crimes under the Cybercrime Act (6 marks)

2c. What are Mobile Phone Forensics? **4 marks**

Question 3

3a. Describe any 6 merits and demerits of Computer Forensics 12 marks

3b. Describe any four (4) features of digital forensics? **(8 marks)**

Question 4

4a. Write down on four (4) network protocols used within VPN tunnels (12 marks)

4b. Describe any 8 merits of VPNs (8 marks)

Question 5

5a. What are the limitations of firewall? (8 marks)

5b. What are the significance of a virtual private network? (9 marks)

5c. What is a firewall? 3 marks