

Code No: 156EY**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech III Year II Semester Examinations, March - 2024****CYBER SECURITY****(Computer Science and Engineering – Cyber Security)****Time: 3 Hours****Max. Marks: 75**

- Note:** i) Question paper consists of Part A, Part B.
ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.
iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART – A**(25 Marks)**

- 1.a) List out Basic Cyber Security Concepts. [2]
- b) Write a short note on Harmful Acts in Cyber Security. [3]
- c) Write a short note on Cyber Forensics. [2]
- d) Explain briefly about Forensics Investigation. [3]
- e) What is a Cyber Crime? [2]
- f) Write a short note on Trends in Mobility. [3]
- g) Write a brief note on Cost of Cyber crimes. [2]
- h) Write a short note on Challenges of Social Computing. [3]
- i) List out Fundamental Concepts of Data Privacy. [2]
- j) Write a short note on Data Privacy in medical domain. [3]

PART – B**(50 Marks)**

- 2.a) Discuss in detail the Challenges and Constraints in Internet Governance.
 - b) Explain in detail about Comprehensive Cyber Security Policy. [5+5]
- OR**
3. Write a detailed note on Cyber Threats and its types. [10]
- 4.a) Explain in detail about Cyber Security Regulations.
 - b) Write a detailed note on Historical background of Cyber forensics. [5+5]
- OR**
- 5.a) Explain in detail about National Cyber Security Policy.
 - b) Discuss in detail about Digital Forensics Science. [5+5]
- 6.a) Discuss about Proliferation of Mobile and Wireless Devices in detail.
 - b) Explain in detail about Security Challenges Posed by Mobile Devices. [5+5]
- OR**
7. Write a detailed note on Organizational security Policies and Measures in Mobile Computing Era. [10]

8. Discuss in detail about Web Threats for Organizations. [10]

OR

9. Write a detailed note on Security and Privacy Implications for Organizations. [10]

10. What is e-mail Spoofing? Take an example of the same and explain it. [10]

OR

11.a) Discuss in detail about Data Linking and Profiling.

b) Explain in detail about Financial Frauds in Cyber Domain. [5+5]

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Used paper March-2024