

**R18**

Code No: 156DN

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. Tech III Year II Semester Examinations, February - 2023**

**CYBER LAWS AND ETHICS**

**(Common to CE, EEE, ECE)**

**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) Define Computer Security. [2]
- b) What is accuracy, integrity and authentication? [3]
- c) List the network components involved in security. [2]
- d) Write the objectives of orange book. [3]
- e) What is information security policy? [2]
- f) List the standards for frame information security policy. [3]
- g) How can the information be disposed? [2]
- h) Write the ethics for software code. [3]
- i) Give the need of Technical Knowledge for Security. [2]
- j) Write the importance of IT security. [3]

**PART – B**

**(50 Marks)**

- 2.a) Explain classification of threats to security.
- b) Give a detailed note on system access control techniques. [5+5]

**OR**

- 3.a) Describe standards of cryptography.
- b) Explain Role based access control. [5+5]

- 4.a) Explain life cycle assurance of orange book in security.
- b) Describe document requirements of orange book. [5+5]

**OR**

- 5.a) What is red book? Explain its policy.
- b) Give a note on services of red book for Windows NT server. [5+5]

- 6.a) Describe the scope of security policy.
- b) Explain Tier-1 policy for Corporate. [5+5]

**OR**

- 7.a) Write the issues to implement system security policy.
- b) Give the steps to prepare security policy. [5+5]

QA QA QA QA QA QA QA G

- 8.a) Give an overview of secure program administration.
- b) Give the responsibilities of employs to provide information security. [5+5]

QA QA QA QA OR QA QA QA G

- 9.a) **Classify the information used in an organization.**
- b) Explain the steps to process the information in an organization. [5+5]

- 10.a) Explain the barriers for adopting information security policy in an organization.
- b) Elaborate the responsibilities of IT Security professionals. [5+5]

**OR**

QA QA QA QA QA QA QA QA QA G

- 11.a) **Explain cultural approach for IT security profession.**
- b) **Discuss extreme and unusual demands in the field of information security management.** [5+5]

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QA QA QA QA QA QA QA G

QA QA QA QA QA QA QA G

QA QA QA QA QA QA QA G

QA QA QA QA QA QA QA G

QA QA QA QA QA QA QA G