

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Regular & Supplementary Examinations February-2024
PRINCIPLES OF CYBER SECURITY

CSE (Internet of Things and Cyber security Including Block Chain Technology)

Time: 3 Hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Explain about Information Security Management in detail. CO1 L2 6M
b Dissect the Incidence of Cybercrimes in Cities. CO1 L4 6M

OR

- 2 a List out the sections and rules in IT ACT 2000. CO1 L3 6M
b Discuss and Elaborate about Cybercrime and its related security measures. CO1 L3 6M

UNIT-II

- 3 a Explain Information Security Life cycle in detail. CO2 L3 6M
b Discuss the information security tools in detail. CO2 L2 6M

OR

- 4 a Explain the DDos Attacks. CO2 L3 6M
b Distinguish between Risks,Threats and Vulnerabilities. CO2 L2 6M

UNIT-III

- 5 a List and explain the different types of digital security. CO3 L4 6M
b Difference Between Digital Information Security and Cyber Security. CO3 L3 6M

OR

- 6 a Explain Digital security and its types. CO3 L3 6M
b What is configuration Management in Cyber security? Explain. CO3 L4 6M

UNIT-IV

- 7 a Explain Vulnerability Management in Cyber security. CO4 L3 6M
b Examine Web threats for organization in detail. CO4 L4 6M

OR

- 8 a List out few roles of Cyber Threats. CO4 L3 6M
b Explain in detail Monitoring Tools and Appliances. CO4 L4 6M

UNIT-V

- 9 a Explain Backdoor system in Cyber security. CO5 L3 6M
b How to protect your device from Backdoor Attacks? Explain. CO5 L2 6M

OR

- 10 a What is System Hardening? Explain it in detail. CO5 L3 6M
b Explain the Network Hardening. CO5 L4 6M

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