**R19**

**Reg. No:**

### SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
**B.Tech IV Year I Semester Regular Examinations November/December-2022**
### CYBER SECURITY
(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 60

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

### UNIT-I

| | | | | |
|---|---|---|---|---|
| 1 | a | What is cybercrime? Explain the classification of cybercrimes. | L2 | 8M |
| | b | Classify global perspectives on cybercrimes. | L4 | 4M |

**OR**

| | | | | |
|---|---|---|---|---|
| 2 | a | Summarize about cybercrime in "the legal perspective". | L2 | 4M |
| | b | Explain about Information Security Management related to Cyber Security in detail. | L2 | 8M |

### UNIT-II

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|---|---|---|---|---|
| 3 | a | Who are Cyber Criminals and explain how they plan the attacks. | L2 | 8M |
| | b | Write importance of BOTNETS. | L1 | 4M |

**OR**

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|---|---|---|---|---|
| 4 | a | Explain various types of cyber Stalking. | L2 | 6M |
| | b | Discuss the security challenges in Cloud Computing. | L2 | 6M |

### UNIT-II

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|---|---|---|---|---|
| 5 | a | Distinguish Malwares, viruses and worms. | L4 | 6M |
| | b | Express the steps used in authentication service security. | L6 | 6M |

**OR**

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|---|---|---|---|---|
| 6 | a | Examine the credit card frauds in mobile & wireless devices. | L4 | 8M |
| | b | List out few Tips to Secure your Cell/Mobile Phone from being Stolen/Lost. | L1 | 4M |

### UNIT-IV

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|---|---|---|---|---|
| 7 | a | What is a key logger? How it creates harmful to the users and list out types in it. | L1 | 6M |
| | b | Justify Phishing attacks with an example. | L5 | 6M |

**OR**

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|---|---|---|---|---|
| 8 | a | Define Password Cracking? Explain the tools in password cracking. | L1 | 6M |
| | b | Discuss about Trojan horse and back doors in cyber security. | L2 | 6M |

### UNIT-V

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|---|---|---|---|---|
| 9 | a | Explain the cost of crimes in detail with examples. | L2 | 6M |
| | b | Explain social computing and associated challenges for organizations. | L2 | 6M |

**OR**

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|---|---|---|---|---|
| 10 | a | Examine Web threats for organization in detail. | L4 | 8M |
| | b | What are the security risks in cyber security. | L1 | 4M |

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