

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**

B.Tech IV Year I Semester Supplementary Examinations June-2024

CYBER SECURITY

(Common to CSE & CSIT)

Time: 3 Hours

Max. Marks: 60

PART-A

(Answer all the Questions 5 x 2 = 10 Marks)

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|---|---|-----|----|----|
| 1 | a List out few important laws related to Cyber Crime. | CO1 | L1 | 2M |
| | b Distinguish the terms "Hackers, Crackers and Phreakers" | CO1 | L4 | 2M |
| | c Distinguish Malwares, viruses and worms. | CO2 | L1 | 2M |
| | d How To Prevent Sql Injection Attacks. | CO4 | L1 | 2M |
| | e List out the Threats in Insider Attack with example. | CO5 | L1 | 2M |

PART-B

(Answer all Five Units 5 x 10 = 50 Marks)

UNIT-I

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|---|---|-----|----|-----|
| 2 | What is cybercrime? Explain the classification of cybercrimes. | CO1 | L1 | 10M |
| | OR | | | |
| 3 | Compare the 3 different perspectives of Cybercrimes. Legal Vs Global Vs Indian. | CO1 | L1 | 10M |

UNIT-II

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|---|--|-----|----|-----|
| 4 | Who are Cyber Criminals and explain how they plan the attacks. | CO2 | L1 | 10M |
| | OR | | | |
| 5 | What is Social Engineering? Explain each type of Social Engineering in detail? | CO2 | L5 | 10M |

UNIT-III

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|---|--|-----|----|-----|
| 6 | Explain the types of mobile phone Attacks. | CO3 | L2 | 10M |
| | OR | | | |
| 7 | Examine the credit card frauds in mobile & wireless devices. | CO3 | L4 | 10M |

UNIT-IV

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|---|---|-----|----|-----|
| 8 | Define Password Cracking? Explain the tools in password cracking. | CO4 | L2 | 10M |
| | OR | | | |
| 9 | a Explain in detail about Spywares and How it harms our machine. | CO4 | L2 | 5M |
| | b Distinguish Virus and Worms? How it harms our machine. | CO4 | L4 | 5M |

UNIT-V

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|----|---|-----|----|-----|
| 10 | Explain the IPR issues with appropriate laws related to it. | CO5 | L2 | 10M |
| | OR | | | |
| 11 | Explain social computing and associated challenges for organizations. | CO5 | L2 | 10M |

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