

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

B.Tech. III Year II Semester Regular & Supplementary Examinations June-2025
CYBER CRIME INVESTIGATION AND DIGITAL FORENSICS

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

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|---|---|--|-----|----|----|
| 1 | a | Explain the types of Cybercrimes in detail. | CO1 | L1 | 6M |
| | b | Classify the different social engineering attack techniques. | CO1 | L2 | 6M |

OR

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|---|---|---|-----|----|----|
| 2 | a | Explain the types of Individual Cybercrime. | CO1 | L5 | 6M |
| | b | Define Social Engineering with examples. | CO1 | L2 | 6M |

UNIT-II

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|---|---|--|-----|----|----|
| 3 | a | Explain the different strategies to prevent unauthorized access. | CO2 | L2 | 6M |
| | b | Give brief description about types of Exploitation. | CO2 | L2 | 6M |

OR

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| 4 | | Estimate the different roles and responsibilities of Law enforcement against Cybercrime. | CO2 | L6 | 12M |
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UNIT-III

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| 5 | | Compare E-mail tracking and IP tracking. | CO3 | L4 | 12M |
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| 6 | | Discuss the various steps in preserving digital evidence. | CO3 | L6 | 12M |
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UNIT-IV

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| 7 | a | Explain Forensic Hardware and its different tools. | CO4 | L2 | 6M |
| | b | Explain the different Digital Forensics Techniques. | CO4 | L2 | 6M |

OR

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| 8 | | Illustrate in brief about Windows system Forensics. | CO4 | L2 | 12M |
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UNIT-V

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| 9 | | Explain security quality management services in detail. | CO5 | L2 | 12M |
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OR

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| 10 | | Estimate the strategy to give security guidelines to Web servers. | CO5 | L6 | 12M |
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