

1T00537 - B.E.(Electrical/Extc/IT/Mechanical/CSE/Etrx Engineering)(SEM-VII)(Choice Base Credit Grading System ) (R- 19) (C Scheme) /  
42286/42488/42686/42884/42384/42586 - Cyber Security & Laws  
QP CODE:10038595.pdf DATE :3 JAN 2024

**N.B. . (1) Question NO 1 is Compulsory.**

**(2) Attempt any three questions out of the remaining five.**

**(3) All questions carry equal marks.**

**(4) Assume suitable data, if required and state it clearly.**

- 1 Attempt any FOUR [20]
- a Explain how criminals plan the attack
  - b Explain various security challenges posed by mobile devices
  - c Explain need of Cyber law in India
  - d Explain E-contracts and its different types.
  - e What are Botnets? How it is exploit by attacker to cause cyber-attack?
- 2 a Explain the classification of cybercrimes with examples. [10]
- b Explain Phishing and Identity theft in detail. [10]
- 3 a Explain different buffer overflow attacks also explain how to mitigate buffer overflow attack [10]
- b Explain electronic banking in India and what are laws related to electronic banking in India [10]
- 4 a What do you understand by DOS and DDOS attack? Explain in detail. [10]
- b Write a note on Intellectual Property Aspects in cyber law. [10]
- 5 a Explain SQL injection attack. State different countermeasure to prevent the attack. [10]
- b Explain the objectives and features of IT Act 2000 [10]
- 6 a Explain the term evidence and different types of evidences [10]
- b Write key IT requirements for SOX and HIPAA. [10]

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