

Duration: 3hrs

[Max Marks: 80]

- 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 Differentiate between cybercrime and cyber fraud.
 - b Explain various threats associated with cloud computing.
 - c Explain methods of password cracking
 - d Explain E-contracts and its different types.
 - e Explain different attack vectors in cyber security
- 2 a Explain the classification of cybercrimes with examples. [10]**
b Explain various types of credit card frauds [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 the objectives and features of IT Act 2000 [10]**
b What are Botnets? How it is exploit by attacker to cause cyber attack? [10]
- 6 a Explain SQL injection attack. State different countermeasure to prevent the attack. [10]**
b Explain what is Information Security Standard and Explain HIPAA act in detail [10]
