Q. P. Code: 25790

(3 hours) [80 marks]

N.B. (1) Question No. 1 is compulsory

(2) Attempt any 3 out of remaining 5 questions.

(3) All questions carry equal marks

Q1. (a) Give a classification of cybercrime and cybercriminals (10M)

(b) What do you understand by social engineering? Give its classification. (10M)

Q2. (a) Describe in detail about how criminals plan attacks? (10M)

(b) What is SQL injection attack? Are there any countermeasures that can be used to prevent

the attack. (10M)

Q3. (a) What is Electronic Governance. Explain the role of digital signature in E-Governance (10M)

(b) What are botnets? How it is exploit by attacker to cause cyber attack. (10M)

Q4. (a) What are the global trends in Cyber law? (10M)

(b) Explain in detail the concepts of phishing and identity theft. (10M)

Q5. (a) What do you understand by DOS and DDOS Attacks? Explain in detail (10M)

(b) How attack vector will be use by attacker to gain access of system (10M)

Q6. Write notes on: (Any two) (20 M)

(a) Indian ITA 2000

(b) Information Security Standard Compliances(GLBA, HIPAA)

(c) Key loggers

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