

Time: 3 hours

Marks: 80

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

2) Attempt any THREE questions out of remaining FIVE questions.

3) Figures to the right indicates full marks.

4) Assume suitable data if necessary.

- Q1 Attempt Any 4** **20**
- a Explain about digital evidence.
 - b Explain different password cracking techniques.
 - c What are different Security Risks for Organizations?
 - d What is Cybercrime? Who are Cybercriminal? Explain.
 - e Explain about Credit card frauds in Mobile and Wireless Computing era.
- Q.2**
- a If a hacker creates a website similar to university website to cheat student. Identify attack and explain different types it. How to prevent from such attack. **10**
 - b Discuss steps involved in planning of cyberattacks by criminal. **10**
- Q.3**
- a Explain different types of Cybercrimes and how security will provide? **10**
 - b Explain why do we need cyber laws? Discuss about the challenges to Indian cyber laws **10**
- Q.4**
- a Explain Steps for SQL Injection attack. How to prevent SQL Injection attacks? **10**
If an attacker creates heavy traffic on the college website so that it becomes **10**
 - b inaccessible to the legitimate user. Which is this attack. Explain in details with it's types.
- Q.5**
- a What are illegal activities observed in Cyber Cafes? What are safety and security measures while using the computer in Cyber Café? **10**
 - b What are basic security precautions to be taken to safeguard Laptops and Wireless devices? Explain? **10**
- Q.6 Write short notes on any FOUR** **20**
- a Salami attack
 - b HIPAA
 - c Mobile/Cell Phone attacks
 - d Cyberstalking and harassment
 - e SOX
 - f Buffer overflow attack