

Duration: 3 hours

Max. 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 FOUR of the following** **20**
- a What are Mobile Vulnerabilities?
  - b What are different Security Risks for Organizations?
  - c Difference between virus and worm.
  - d How cybercrimes differ from most terrestrial crimes?
  - e Explain the objectives of IT Act 2000.
- Q.2**
- a What is WIPO? List treaties prepared by WIPO. **10**
  - b Explain about the impact of Cybercrimes in Social Engineering. **10**
- Q.3**
- a Explain steps for SQL Injection attack. How to prevent SQL Injection attacks? **10**
  - b Explain E-contracts and its different types. **10**
- Q.4**
- a What is Cybercrime? Who are Cybercriminals? Explain **10**
  - b What is e-commerce? Discuss types of e-commerce. **10**
- Q.5**
- a What are basic security precautions to be taken to safeguard Laptops and Wireless devices? Explain. **10**
  - b What are illegal activities observed in Cyber Cafe? What are safety and security measures while using the computer in Cyber Cafe? **10**
- Q.6 Write short notes on any FOUR** **20**
- a Digital evidence
  - b HIPAA
  - c Buffer overflow attack
  - d Planning of cyberattacks by criminal.
  - e Vishing attack
  - f Trojan horse and backdoor