

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