

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** **20**
a How Cybercrimes differs from most terrestrial crime?
b Discuss challenges for securing data in business perspective.
c Discuss botnets in cybersecurity.
d Difference between Steganography and Cryptography.
- Q.2**
a Discuss viruses and worms. Explain in detail types of viruses. **10**
b Explain digital evidence in detail. Also explain possible locations for digital evidence. **10**
- Q.3**
a Discuss classification of cybercrimes in details. **10**
b Discuss Phishing and Vishing. How it works? How to Protect from Phishing and Vishing Attacks? **10**
- Q.4**
a Discuss SQL injection attack. Explain Steps for SQL Injection attack. How to prevent SQL Injection attacks? **10**
b Discuss steps involved in planning of cyberattacks by criminal. **10**
- Q.5**
a What is e-commerce? Discuss types of e-commerce. **10**
b Discuss DoS/ DDoS attacks. Explain types of DoS attacks. **10**
- Q.6** **20**
a Port Scanning
b Cyberstalking and harassment
c Salami attack and data diddling
d IPR
