**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** | List General guidelines for password policies. | |
| **b** | Difference between virus and worm. | |
| **c** | How cybercrimes differs from most terrestrial crimes? | |
| **d** | What are different Security Risks for Organizations? | |
| **e** | What are Mobile Vulnerabilities? | |
| **Q.2** | | |
| **a** | Discuss steps involved in planning of cyberattacks by criminal. | **10** |
| **b** | What is vishing attack? How it works? How to protect from vishing attack? | **10** |
| **Q.3** | | |
| **a** | What is e-commerce? Discuss types of e-commerce. | **10** |
| **b** | Explain E-contracts and its different types. | **10** |
| **Q.4** | | |
| **a** | What are basic security precautions to be taken to safeguard Laptops and Wireless devices? Explain. | **10** |
| **b** | What is Cybercrime? Who are Cybercriminals? Explain. | **10** |
| **Q.5** | | |
| **a** | What is digital evidence? Where one can find it. | **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** | Cyberdefamation | |
| **b** | HIPAA | |
| **c** | Buffer overflow attack | |
| **d** | Steganography | |
| **e** | DDOS attack | |
| **f** | Trojan horse and backdoor | |

**********