

**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** **20**
- a Explain spyware and keylogger.
  - b Differentiate between cybercrime and cyber fraud.
  - c Explain backdoor and trojan.
  - d Explain various security challenges posed by mobile devices.
  - e Explain Digital Signature?
  - f Explain steganography.
- Q.2**
- a What is cybercrime? Who are Cybercriminals? List Motives behind cybercrime. **10**
  - b Explain different types of Cybercrimes. **10**
- Q.3**
- a Explain Types of E-Commerce Models. Give advantages and disadvantages of E-Commerce. **10**
  - b Explain different types of Intellectual property rights in India. **10**
- Q.4**
- a Explain the objectives and features of IT Act 2000. **10**
  - b List information security standards. Explain any one in detail. **10**
- Q.5**
- a Explain how botnets can be used as a fuel to cybercrime. **10**
  - b Explain active and passive attacks with examples. **10**
- Q.6**
- a Explain electronic banking in India and what are laws related to electronic banking in India. **10**
  - b Explain DoS and DDos attack in detail. **10**

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