

Cyber Security

Duration: 2 hours

Max. Marks: 60

**Instructions:***Figures to the right indicate maximum marks.**Start each question on a fresh page**All questions are compulsory***Q.1) Write short notes on the following. (Any Three) (4X3=12)**

- Input and Output Devices
- Uses of Networks
- Computer Virus and its types
- Cyber Warfare

**Q.2) Write short notes on the following. (Any Three) (4X3=12)**

- Uses of Computer
- Data Exfiltration
- Online Shopping
- Electronic Signature

**Q.3) Answer the following. (Any Two) (6X2=12)**

- What is meant by operating System? Give its functions.
- What is Computer Network? Explain the different types of networks.
- Explain the functions of each component of the computer with the help of block diagram.

**Q.4) Answer the following. (Any Two) (6X2=12)**

- What is meant by Cyber Stalking? What are the prevention methods for it?
- Explain the following terms.
  - Spyware
  - Zeroday Attack
  - Scareware
  - Email Spoofing
  - Denial of Service
  - Computer Vandalism
- Explain the ways used by phishers in Phishing. And also explain the prevention methods.

**Q.5) Answer the following. (Any Two) (6X2=12)**

- State and explain any six safety measures in online shopping.
- What is digital evidence? Explain the steps to process the digital evidence.
- Write a short note on Information Technology Act 2000 and ITAA 2008.

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