

Information Technology

Duration : 2 Hours

Max. Marks : 80

Instructions:

1. Figures to the right indicate maximum marks
2. Start each new question on a fresh page

Q1. Write a short note on (any 4) (4x4=16 MKS)

- a. Internet and its uses
- b. Web Browser and Web page
- c. Social Engineering
- d. Cyber Bullying
- e. Intellectual Property Rights(IPR)
- f. Different ways of protecting personal data

Q2. Write a short note on (any 4) (4x4=16 MKS)

- a. Cyber Crime and its impact
- b. Classification of Cyber Crimes
- c. Cyber Laws in India-Evolution and Purpose
- d. Cyber Law provisions related to E-Commerce
- e. Collection stage during forensic
- f. Data recovery during cyber forensics

Q3. Answer the following questions (any 2) (6x2=12 MKS)

- a. What is an IP address? Distinguish between public and private IP addresses.
- b. Write a note on mobile app threats.
- c. What is cyber warfare? What is the infrastructure targeted in these attacks? Give some examples

Q4. Answer the following questions (any 2) (6x2=12 MKS)

- a. What is meant by 'Online Privacy'? Explain the significance of the statement "Every website should have a privacy policy".
- b. What are the safety measures you will follow when you choose a PIN or a Password.
- c. How does Vishing differ from email phishing? What precautions will you take to avoid getting phished?

Q5. Answer the following questions (any 2) (6x2=12MKS)

- a. What is cyber stalking? Give any 6 security tips which you think are important to avoid cyber stalking.
- b. Explain the different types of Cyber offences punishable under the IT Act 2000
- c. Differentiate between bailable and non-bailable offences. Give 3 examples of each.

Q6. Answer the following questions (any 2) (6x2=12MKS)

- a. What is computer forensics? Who may require to use computer forensics?
- b. Explain the various stages involved in handling of electronic evidences.
- c. Write a note on (i) types of data collected during forensics (ii) Media Sanitization.