

(2½ hours)

[Total Marks: 75]

- N. B.: (1) **All** questions are **compulsory**.
 (2) Make **suitable assumptions** wherever necessary and **state the assumptions** made.
 (3) Answers to the **same question** must be **written together**.
 (4) Numbers to the **right** indicate **marks**.
 (5) Draw **neat labeled diagrams** wherever **necessary**.
 (6) Use of **Non-programmable** calculators is **allowed**.

1. **Attempt any two of the following:** 10
 - a. Explain patent application procedure.
 - b. What are the basic principles of patent law? Explain briefly.
 - c. Enlist the main features of Copyright Act.
 - d. List the basic principles of trademark.

2. **Attempt any two of the following:** 10
 - a. State and explain Semiconductor IC layout design act?
 - b. What are various jurisdictional issues in domain name protection.
 - c. Explain protection of copyrights.
 - d. Explain disputes under intellectual property rights.

3. **Attempt any two of the following:** 10
 - a. What are the defenses available in case of infringement of patents?
 - b. Explain "Copyright is protection in form and not in idea".
 - c. What are the defenses available in case of infringement of Trademarks?
 - d. How the rights of a patentee are enforced? What are the duties of a patentee?

4. **Attempt any two of the following:** 10
 - a. Enlist and explain in brief the criminal remedies in enforcing intellectual property rights.
 - b. Explain the benefits of IP Licensing.
 - c. Explain the concept behind "Boarder Security Measures".
 - d. What are general obligations for enforcement of Intellectual property rights?

5. **Attempt any two of the following:** 10
 - a. What are the issues of copyrights in digital media? How they are addressed
 - b. Explain the concept of Patent in Cyber World.
 - c. What are the functions performed by the certifying authorities? Explain.
 - d. Explain the concept of cyber jurisprudence.

6. **Attempt any two of the following:** 10
 - a. What kinds of documents are not covered under IT Act, 2000?
 - b. What does chapter 4 of IT Act, 2000 cover? Explain.
 - c. What is CERT (Computer Emergency Response Team)? What are its functions?
 - d. Explain the contents of Chapter 13 of IT Act, 2000.

[TURN OVER]

7. Attempt any three of the following:

15

- a. Explain the significant traits of Indian Trade Mark Act.
- b. What are the defenses strategies are available with respect to computer software as intellectual property.
- c. Explain the concept behind design objectives.
- d. What is licensing format? What are its categories? Explain.
- e. Explain the privacy issues for data and software.
- f. Explain the situation when a Certifying Authority can take a decision on the state of digital Signature certificate.