

2125  
M.E. (Computer Science and Engineering)  
Third Semester  
CS-8305: Cyber Laws and IPRs

Time allowed: 3 Hours

Max. Marks: 50

**NOTE:** Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

1. Write short notes on the following:-

- a) Encryption techniques and algorithms
- b) Cyber law and Netizens
- c) Patent
- d) Grey Areas of the IT Act 2000.

(2x4½)

**UNIT - I**

2. "Network Security (NS) is important for protecting sensitive data". Comment and explain NS. (10)

3. "Digital Signature (DS) is of utmost importance in the era of technology". Comment and also explain DS. (10)

4. Write short notes on:-

- a) E-Commerce and its Models
- b) E-Commerce Trends and Prospects

(2x5)

**UNIT - II**

5. What are IPRs? Briefly explain various International treaties and Conventions relating to IPRs. (10)

6. Who are regulators under the IT Act 2000? Explain the powers and functions of the Controller of the Certifying Authorities. (10)

7. Write short notes on:-

- a) Cyber terrorism
- b) Theft of identity

(2x5)

x-x-x