

2122  
B.E. (Information Technology)  
Fifth Semester  
HSMC-501: Cyber Law and IPR

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

- I. Answer the following:-
- Certifying Authority
  - Grey Area of IT Act
  - Netizens
  - Berne Convention
  - Aims and objectives of IT Act (5x2)

**UNIT - I**

- II. a) 'E - Commerce has made life easier for everyone or just an eye wash'. Comment.  
b) Explain various models of e - commerce giving suitable examples. Explain B2B model for booking a vacation for the client of the company. (2x5)
- III. What is meant by network security? Discuss various security issues pertaining to e-commerce. Discuss various mechanisms to ensure network security. (10)
- IV. Write short notes on:-
- Security issues in digital firms and mechanisms that can help to ensure network security.
  - Digital Signatures. (2x5)

**UNIT - II**

- V. Explain the provisions w.r.t offences and contraventions of IT Act 2000. Also, explain the amendments that were made explaining the reasons for the same. (10)
- VI. Compare and contrast international treaties and conventions. (10)
- VII. File a patent for new that you made in field of computer peripheral devices. Also, discuss the problems that you faced for the same. (10)

x-x-x