2063

B.E. (Information Technology)

Fifth Semester

HSMC-501: Cyber Law and IPR

Time allowed: 3 Hours   Max. Marks: 50

NOTE: *Attempt <u>five</u> questions in all, including Question No. I which is compulsory and selecting two questions from each Unit.*

x-x-x

I.   Answer the following:-

    a) Digital Signatures

    b) Private Key

    c) Paris Convention

    d) Jurisdiction of Cyber Law

    e) Cyber Crime   (5x2)

UNIT - I

II.   a) Explain the legal aspects of E - Commerce. Explain the legality concerned with the security issues.

    b) What is meant by network security? Why it is important for the organizations to secure their systems? Explain encryption algorithms.   (2x5)

III. a) How E - Commerce has opened new avenues in varied fields in the digital world?

    b) Explain the various models for E - Commerce? Explain B2B e - Commerce of a making rail ticket reservation from a mobile or a laptop.   (2x5)

IV.   a) Explain the different components of Cyber law with usage and applications.

    b) Netizens and Net etiquettes.   (2x5)

UNIT - II

V.   a) Explain the process of attainment of business software patents.

    b) Explain domain name system. Also, compare and contrast the process of resolution of domain name disputes in India and western world.   (2x5)

P.T.O.

VI. Critically explain various sections under IT Act 2000 along with the amendments in 2008? (10)

VII. File copyright for an app designed for physically disabled persons. Also, discuss the problems that you faced for the same. (10)

x-x-x