

2054

B.E. (Electrical and Electronics Engineering)

Eighth Semester

HS-EE804: Cyber Laws & IPR

Time allowed: 3 Hours

Max. Marks: 50

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

x-x-x

I. Attempt the following:-

- a) Write three Grey areas (where it is not applicable) of IT Act of 2000
- b) What is meant by IPR? What is the significance of "R" in the abbreviation?
- c) What is a Fire-Wall? What is its function and how does it work?
- d) What is a Patent? What is the function of a Patent?
- e) What is a Trademark? How do you protect your Trademark? (5x2)

UNIT - I

II. How is revenue generated in E-Commerce? What are the different models of revenue generation? Discuss one unique E-Commerce idea in which revenue can be generated? The idea could be for an already existing business or a new business. Also discuss the challenges for this idea. (10)

III. What are the different Encryption Techniques and Algorithms for providing Security in cyber world? (10)

IV. What are Digital Signatures? Explain their function and working. Use diagrams to illustrate your answer. (10)

UNIT - II

V. What are Domain Names? How do Domain disputes arise? How are these disputes resolved? (10)

VI. What are the International Treaties and Conventions related to IPR? Discuss five. (10)

VII. Why do we need certifying authorities? Explain the role and powers of controller of certifying authorities. (10)

x-x-x