

2055
B.E. (Electrical and Electronics Engineering)
Eighth Semester
HS-EE-804: 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) What are Encryption techniques and algorithms? Discuss its relevance.
- b) Discuss four cyber- crimes that need immediate attention?
- c) What is the relevance of International treaties and conventions as related to IPR?
- d) Give two advantages of E-Governance.
- e) What is a patent? What are the advantages and disadvantages of taking a patent? (5x2)

UNIT - I

- II. What are the different E-Commerce models? Which model do you think is really earning revenue in today's competitive world? Discuss the business model (how the e-commerce company earns money) for a e-commerce company of your choice? (10)
- III. How is network security provided for Internet connected systems? Discuss in detail? (10)
- IV. What is a Digital Signature (DS)? How does DS implement authenticity? What are the applications of DS? (10)

UNIT - II

- V. Why do Domain Name disputes arise? Discuss specific examples and also throw light on how these disputes are resolved? (10)
- VI. Discuss the main elements of IT Act of 2000? What are the grey areas of the IT Act (where it is not applicable)? (10)
- VII. Write short notes on :
 - a) Provisions under Copyright Act of 1957.
 - b) Regulators and Certifying Authority under the IT Act of 2000 (2x5)

x-x-x