

1128

B.E. (Information Technology)

Third Semester

ITE-301: 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:-

- a) What is a Firewall? Where is it installed?
- b) What is copyright? To what product is it generally applicable on the internet?
- c) What is cyberspace
- d) Give two advantages of E-Governance.
- e) What is an open source software
- f) Who is an Ethical Hacker? What is his/her contribution?
- g) Name two Social Media Domains
- h) Name two grey areas of IT Act (where it cannot be applied)
- i) What is Intranet?
- j) Who are Netizens? (10x1)

UNIT - I

II. How Network Security is provided for intranet and internet connected systems? Explain in detail? (10)

III. What is a Digital Signature? How does it function? What are its applications? (10)

IV. Write short notes on:-

- a) Encryption Techniques
- b) E-Commerce models (10)

UNIT - II

V. What are the various Intellectual Property Rights that can be granted in Cyberspace? What is the relevance of these Rights in the context of Cyberspace? (10)

VI. Discuss the aim, relevance and essential elements of IT Act of 2000? What are the duties of subscribers under this Act? (10)

P.T.O.

(2)

- VII. What are the new cyber crimes that are beginning to take place in the 'last 2-3 years? Why is social media being blamed for these crimes? Discuss recent issues related to WhatsApp, Twitter and LinkedIn? How can your personal data profile be misused through these sites? (10)

x-x-x