

Program: T.Y.B.Sc CS Semester: VI Program Code: 1S00196
Course: Cyber Laws & IPR Course Code: USCS6052
Duration: 2 ½ Hours Examination Pattern: REV23 – Autonomous - External Max. Marks: 75

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw neat diagrams wherever necessary.

Examination:
REGULAR

Q. 1 Attempt ANY FOUR from the following: (20M)

- (a) Explain any five components of cyber law in India.
- (b) Differentiate between electronic signature and digital signature.
- (c) What are the advantages of the internet?
- (d) What is e-Governance? Explain provisions of Information Technology Act 2000 related to e-Governance.
- (e) Describe attribution of electronic records in details.
- (f) What is cryptography? Explain symmetric and asymmetric cryptography with suitable diagram.

Q. 2 Attempt ANY FOUR from the following: (20M)

- (a) What are cyber contraventions? Explain in brief.
- (b) Explain grey areas of the IT Act 2000 as amended by the IT (Amendment) Act 2008.
- (c) Write a comprehensive note on cyber terrorism.
- (d) What is E-Commerce? Explain its various models.
- (e) What are computer forensics? Explain different stages of forensic investigation.
- (f) Briefly explain salient features of the Data Protection Bill, 2021 of India.

Q. 3 Attempt ANY FOUR from the following: (20M)

- (a) Briefly explain patent law in India.
- (b) What is spamming? What are anti-spamming initiatives?
- (c) Explain the meaning of trademark.
- (d) Write a short note on TRIP Agreement (Trade-Related Aspects of Intellectual Property Rights), 1995.
- (e) Why domain name is used instead of IP address?
- (f) What are the major issues caused by spam, and why is it significant?

Q. 4 Attempt ANY FIVE from the following: (15M)

- (a) What is Consumer Protection Act (CPA)?
- (b) Write a note on World Intellectual Property Rights Organization (WIPO).
- (c) What are the 3 types of patents?
- (d) Explain any three types of e-Evidence?
- (e) Explain digital forensics terms :
(i) Network forensics (ii) Database forensics (iii) Mobile forensics
- (f) What is freedom of speech?

-----X-----X-----