

B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

February / March 2023 Semester End Main Examinations

Programme: B.E.

Branch: Information Science and Engineering

Course Code: 20IS7HSCLE

Course: Cyber Law for Engineers

Semester: VII

Duration: 3 hrs.

Max Marks: 100

Date: 20.02.2023

Instructions: 1. Answer any FIVE full questions, choosing one full question from each unit.
2. Missing data, if any, may be suitably assumed.

UNIT - I

- 1 a) Describe the types of Players in E-Commerce. **06**
- b) Illustrate how hash function is used for creating and verifying a digital signature. **06**
- c) Explain in detail the guidelines of OECD aiming to promote the use of cryptography in digital signature and development of electronic commerce. **08**

UNIT - II

- 2 a) Discuss how verification of electronic signatures in India is carried out. **06**
- b) Provide the Procedure for the Grant or Rejection of License to the Certifying Authority. **06**
- c) Examine Article 7 of UNCITRAL model law relating to digital signature. **08**

OR

- 3 a) Describe UNICITRAL Model law of retention of data messages. **06**
- b) Examine the procedures for appointment of controller and their functions. **06**
- c) Under what criteria, can the license be renewed and explain the circumstances under which the license can be suspended of the certifying authority. **08**

UNIT - III

- 4 a) Explicate in detail Deception by Squatting in Cyberspace with suitable case studies. **06**
- b) Cite two important Indian complaints involving domain names before WIPO which have been decided in favour of complaints. **06**
- c) Differentiate between the following terms Linking, Hyper-Linking and Framing. **08**

Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.

UNIT - IV

- 5 a) Illustrate the violation of the Right of Privacy on Cyberspace/Internet. **06**
- b) Elaborate the procedure compensation if a person fails to protect data to be paid. **06**
- c) Summarize the functions and powers of Cyber Appellate Tribunal under IT Act 2000. **08**

OR

- 6 a) Explain in detail Terrorism on Cyberspace/Internet. **10**
- b) Describe Hacking on Cyber space There are different types of hackers justify the statement. **10**

UNIT - V

- 7 a) Identify the offences relating to protected system amended by IT Act under section 70. **06**
- b) Provide the functionalities of Indian Computer Emergency Response Team in the area of cyber security. **06**
- c) Highlight the powers of controller to give directions to Certifying Authorities. **08**
