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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 UNCITRAL 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**
