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

Autonomous Institute Affiliated to VTU

January 2024 Semester End Main Examinations

Programme: B.E.

Branch: Information Science and Engineering

Course Code: 20IS7HSCL

Course: Cyber Law for Engineers

Semester: VII

Duration: 3 hrs.

Max Marks: 100

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			CO	PO	Marks
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.	1	a)	Describe the broad characterization of different modes of E-commerce operation.			<i>CO1</i>		07
		b)	Elucidate the types of websites with suitable examples.			<i>CO1</i>		06
		c)	Discuss the essential attributes and effects which are required for legalization of signature.			<i>CO2</i>	<i>PO6</i>	07
	UNIT - II							
	2	a)	Identify the importance of private key control by the subscriber.			<i>CO2</i>	<i>PO6</i>	06
		b)	Explain how verification of electronic signatures is carried out in India.			<i>CO2</i>	<i>PO6</i>	08
		c)	Describe UNCITRAL Model law of Retention of Data messages.			<i>CO5</i>	<i>PO12</i>	06
	OR							
	3	a)	Explain in detail the criteria and circumstances for renewal and suspension of license of the certifying authority.			<i>CO2</i>	<i>PO6</i>	10
		b)	Provide a detailed procedure and prior requirements for surrender of license and cessation as certifying authority.			<i>CO2</i>	<i>PO6</i>	10
UNIT - III								
	4	a)	Illustrate the significance of the domain name in Intellectual property rights for a company.			<i>CO2</i>	<i>PO6</i>	06
		b)	Under what circumstances does copyright in a work shall be deemed to be infringed under the law.			<i>CO2</i>	<i>PO6</i>	08
		c)	Identify two important Indian complaints raised with respect to domain names before World Intellectual Property Organization (WIPO) that have been decided in favour of complaints.			<i>CO4</i>	<i>PO8</i>	06
UNIT - IV								
	5	a)	Elucidate section 43 of IT Act penalty and compensation for damage of computers and computer systems.			<i>CO3</i>	<i>PO7</i>	10

	b)	Explain in detail the qualification required for the appointment as chair person and members of Cyber Appellate Tribunal .	CO2	PO6	10
		OR			
6	a)	Discuss the compensation to be paid, if a person fails to protect data.	CO3	PO7	06
	b)	Define hacking. Classify the several kinds of hackers with suitable explanation.	CO3	PO7	08
	c)	Provide the impact of terrorism on cyberspace/internet. Summarize how cyber terror attacks and activities of a hacker are distinct.	CO4	PO8	06
		UNIT - V			
7	a)	Describe the power of controller to give directions to certifying authorities.	CO1		06
	b)	Explain the functions performed by the Indian Computer Emergency Response Team(ICERT) as National Agency in the area of Cyber Security.	CO4	PO8	08
	c)	Provide the amendments made under Indian Penal code by IT Act 2008.	CO1		06

B.M.S.C.E. - ODD SEMESTER 2023-24