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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: 20IS7HSCLE**

**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.

<b>Important Note:</b> Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.		<b>UNIT - I</b>	<i>CO</i>	<i>PO</i>	<b>Marks</b>	
	1	a)	Describe the broad characterization of different modes of E-commerce operation.	<i>CO1</i>		<b>07</b>
		b)	Elucidate the types of websites with suitable examples.	<i>CO1</i>		<b>06</b>
		c)	Discuss the essential attributes and effects which are required for legalization of signature.	<i>CO2</i>	<i>PO6</i>	<b>07</b>
			<b>UNIT - II</b>			
	2	a)	Identify the importance of private key control by the subscriber.	<i>CO2</i>	<i>PO6</i>	<b>06</b>
		b)	Explain how verification of electronic signatures is carried out in India.	<i>CO2</i>	<i>PO6</i>	<b>08</b>
		c)	Describe UNCITRAL Model law of Retention of Data messages.	<i>CO5</i>	<i>PO12</i>	<b>06</b>
			<b>OR</b>			
	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>	<b>10</b>
		b)	Provide a detailed procedure and prior requirements for surrender of license and cessation as certifying authority.	<i>CO2</i>	<i>PO6</i>	<b>10</b>
			<b>UNIT - III</b>			
	4	a)	Illustrate the significance of the domain name in Intellectual property rights for a company.	<i>CO2</i>	<i>PO6</i>	<b>06</b>
		b)	Under what circumstances does copyright in a work shall be deemed to be infringed under the law.	<i>CO2</i>	<i>PO6</i>	<b>08</b>
		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>	<b>06</b>
		<b>UNIT - IV</b>				
5	a)	Elucidate section 43 of IT Act penalty and compensation for damage of computers and computer systems.	<i>CO3</i>	<i>PO7</i>	<b>10</b>	

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

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