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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: Computer Science & Engineering**

**Course Code: 21CS7HSCFI**

**Course: Cyber Law , Forensics and IPR**

**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)	Privacy is one of the most contentious legal issue arising in Cyberspace. Justify why government should legislate privacy in cyberspace.	<i>CO2</i>	<i>PO2</i>	<b>5</b>
		b)	Abhishek wants to retain his documents and records in electronic form. a) Identify the law that addresses this issue b) Analyze the three conditions that would give legal status to the retained electronic records.	<i>CO2</i>	<i>PO2</i>	<b>7</b>
		c)	Define Cyberlaw and describe the Objective of IT Act 2000	<i>CO1</i>	<i>PO1</i>	<b>8</b>
			<b>OR</b>			
	2	a)	Create a scenario that reflects how a Cyber theft can be covered under the ambit of existing laws.	<i>CO3</i>	<i>PO3</i>	<b>10</b>
		b)	A start-up company manufacturing organic products is planning to host a website about its services, identify the precautionary measures that can be adopted to prevent litigations.	<i>CO3</i>	<i>PO3</i>	<b>10</b>
			<b>UNIT - II</b>			
	3	a)	A consumer wants to transact online to buy a mobile phone. Devise the points on how online consumers and their rights can be protected.	<i>CO1</i>	<i>PO1</i>	<b>7</b>
		b)	With a case study analyze the effects of spam.	<i>CO2</i>	<i>PO2</i>	<b>7</b>
		c)	Defend that there is a need for protecting Indian children online. Elaborate the steps needed to control it.	<i>CO2</i>	<i>PO2</i>	<b>6</b>
			<b>UNIT - III</b>			
	4	a)	Differentiate between backup server using shared library and server-less backup solution with relevant diagrams.	<i>CO2</i>	<i>PO1</i>	<b>8</b>

	b)	Joseph Edward Duncan III is a child molester and serial killer who is currently on death row for the kidnapping and murder of a family in Idaho and the murder of a boy in California. When digital forensic investigators examined his computer, they were able to recover a spreadsheet where he planned out his crimes. This was used as evidence that his actions were premeditated and was one of the reasons why he was given the death penalty. List and explain in detail the services that Computer forensic provide which the forensics professionals would have used for successfully solving the case.	CO2	PO2	7
	c)	Illustrate in detail the legal aspects of collecting forensic evidence.	CO1	PO1	5
		<b>UNIT - IV</b>			
5	a)	A scientist involved in space research discusses a scientific principle with his colleague. The colleague uses the principle and invents a working device based on the principle and applies for the patent. Illustrate the different grounds on which a representation of opposition could be given to the controller and identify that which is applicable to the given scenario.	CO2	PO2	8
	b)	Define Intellectual property and brief out on the Hegel's theory on Property.	CO1	PO1	6
	c)	Describe the procedure for obtaining the patent.	CO2	PO2	6
		<b>UNIT - V</b>			
6	a)	A patentee can transfer a right by a licence agreement that allow a licensee to make use or exercise the invention. Analyze the different kinds of licences that exist and explain each of them in detail.	CO2	PO2	10
	b)	An author who published a book in the year 1990 expires in 2000. Till what time will the copyright on his work last. Identify the section that handles this issue and explain the different Sections with respect to the term of the copyright.	CO2	PO2	10
		<b>OR</b>			
7	a)	Differentiate between Provisional specification and Complete Specification.	CO2	PO2	10
	b)	The development of copyright law in India is closely associated with the British Copyright Law and is applied to India with suitable modifications as the Copyright act of 1957. Analyze the features of the copyright act and explain in detail.	CO2	PO1	10

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