Question Paper Code	12202

B.E. / B.Tech. - DEGREE EXAMINATIONS, NOV / DEC 2023
Seventh Semester
Artificial Intelligence and Data Science
20AIEL712 - CYBERLAW AND INTELLECTUAL PROPERTY RIGHTS
(Regulations 2020)

Duration: 3 Hours   Max. Marks: 100

PART-A (10 × 2 = 20 Marks)
Answer ALL Questions

		Marks, K-Level, CO
1.	Write down the importance of cyber law.	2,K2,CO1
2.	Define the term cyberspace.	2,K1,CO1
3.	List the functions of a signature in the UNCITRAL guide.	2,K1,CO2
4.	What are all the types of cybercrime?	2,K1,CO2
5.	Define internet relay chat (IRC) crime.	2,K1,CO3
6.	Compare data privacy and data protection.	2,K2,CO3
7.	How do you file a patent in India?	2,K2,CO4
8.	Differentiate copyright and patent.	2,K2,CO4
9.	State cyber-squatting.	2,K1,CO5
10.	Specify the requirements for patentability under the European patent convention.	2,K2,CO5

PART - B (5 × 13 = 65 Marks)
Answer ALL Questions

11.	a)	Discuss about information technology act 2000 in detail.	13,K2,CO1
		OR	
	b)	Summarize the role of cybercrime law for e-commerce applications.	13,K2,CO1
12.	a)	Illustrate the duties and responsibilities of certifying authorities.	13,K3,CO2
		OR	
	b)	Explain the concept of creating and recognizing electronic records.	13,K3,CO2
13.	a)	Explain the factors that should be taken into consideration to avoid credit card fraud for banking domain.	13,K3,CO3
		OR	
	b)	Examine the following in detail:	
		(i) Denial of service attacks and Virus dissemination.	7,K3,CO3
		(ii) Software Piracy.	6,K3,CO3

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create   **12202**

14. a) Describe the concept of copyrights of software. *13,K3,CO4*

   OR

   b) Describe in detail about multimedia and copyright issues with real time example. *13,K3,CO4*

15. a) Explain about domain name disputes and cyber squatting with example. *13,K3,CO5*

   OR

   b) Compare Indian design patent with European patent. Give example. *13,K2,CO5*

PART - C (1 × 15 = 15 Marks)

16. a) (i) Draw the process of obtaining patent in the form of a Flow Chart. *7,K3,CO6*

   (ii) Describe about Cases on domain name disputes. *8,K2,CO6*

   OR

   b) Write detailed landmark Judgments on IPR Law in India. *15,K1,CO6*