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 **PRESIDENCY UNIVERSITY**

  **Bengaluru**

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| **End - Term Examinations – JANUARY 2025** |
| **Date:** 08 – 01- 2025 **Time:** 01:00pm – 04:00pm |

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| **School:** SOL | **Program:** BA LL.B. / BBA LL.B. / B.COM LL.B (HONS.) |
| **Course Code :** LAW307 | **Course Name :** CYBER LAW |
| **Semester**: IX | **Max Marks**: 100 | **Weightage**: 50% |

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| **CO - Levels** | **CO1** | **CO2** | **CO3** | **CO4** | **CO5** | **CO6** |
| **Marks** | **34** | **31** | **27** | **29** | **32** | **27** |

**Instructions:**

1. *Read all questions carefully and answer accordingly.*
2. *Do not write anything on the question paper other than roll number.*

**Part A**

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| **Answer ALL the Questions. Each question carries 2marks. 10Q x 2M=20M** |
| **1** | Explain briefly the responsibilities of a subscriber. | **2 Marks** | **L3** | **CO2** |
| **2** | Discuss the significance of a valid key pair. | **2 Marks** | **L2** | **CO2** |
| **3** | *“The 21st century has seen the unique transposition of human rights to digital rights.”* Discuss. | **2 Marks** | **L2** | **CO1** |
| **4** | Outline the roles of certifying authorities. | **2 Marks** | **L1** | **CO2** |
| **5** | Outline the role of WIPO in recognizing and protecting IP rights in cyberspace. | **2 Marks** | **L1** | **CO4** |
| **6** | Examine briefly the impact of email bombing as a disruptive cyber offence. | **2 Marks** | **L4** | **CO6** |
| **7** | Examine briefly the concept of Distributed Denial of Service Attack? | **2 Marks** | **L4** | **CO3** |
| **8** | Examine the significance of a domain name.  | **2 Marks** | **L4** | **CO3** |
| **9** | Examine the application of the IT act with reference to its jurisdiction. | **2 Marks** | **L4** | **CO1** |
| **10** | Examine briefly the significance of the UNCITRAL Model Law on E-Commerce. | **2 Marks** | **L4** | **CO5** |

 **Part B**

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| **Answer the Questions Total 80 Marks** |
| **11.** | **a.** | Discuss the role of adjudicating officers in resolving cyber disputes under the IT Act. | **10 Marks** | **L2** | **CO6** |
| **Or** |
| **12.** | **a.** | Explain the regulation of certifying authorities under the IT Act, 2000. | **10 Marks** | **L4** | **CO5** |
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| **13.** | **a.** | Critically analyze the challenges in establishing jurisdiction in cyberspace. | **10 Marks** | **L5** | **CO1** |
| **Or** |
| **14.** | **a.** | Examine the powers of the police during the course of a cyber criminal investigation. | **10 Marks** | **L4** | **CO2** |

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| **15.** | **a.** | Examine the role and functions of CERT-IN. | **10 Marks** | **L4** | **CO3** |
| **Or** |
| **16.** | **a.** | Examine the significance of IP laws in recognizing and protecting IP rights over cyberspace. | **10 Marks** | **L4** | **CO1** |

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| **17.** | **a.** | Simran, a public figure, became the target of a cyber stalker who monitored her online activities and sent her messages indicating detailed knowledge about her daily routine. The stalker also spread false rumors about her on social media platforms, leading to public outrage and tarnishing her reputation. Simran reported the issue, but she struggled to prove the identity of the stalker due to their use of VPNs and fake accounts. In light of the above proposition, decide:1. The provisions in Indian law relating to cyber stalking.
2. Articulate the due diligence measures to be taken by social media platforms to protect individual privacy.
 | **7+8 = 15****Marks** | **L5** | **CO3** |
| **Or** |
| **18.** | **a.** | In a high-profile case, Arjun Mehta, a senior executive at a multinational corporation, is accused of misusing the digital signature of his colleague, Priya Sharma, without her consent. Allegedly, Arjun forged critical documents, including a fraudulent agreement, using Priya's digital signature to divert company funds to a shell company he controlled. Priya, unaware of the misuse, was implicated when the fraud was uncovered during an internal audit. In light of the above proposition, 1. Examine the methods of authenticating digital and electronic signature.
2. Examine role of certifying authorities in issuing, suspending and revoking electronic signature.
3. Discuss the representations implied by a valid digital signature certificate.
 | **6+7+2 = 15****Marks** | **L4** | **CO 2** |

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| **19.** | **a.** | TechGuard Solutions, a leading software company, alleges that DigitalShare Hub, an online platform, facilitated the unauthorized distribution of its flagship antivirus software, violating copyright laws. TechGuard claims DigitalShare Hub's failure to implement adequate monitoring systems contributed to widespread software piracy, resulting in significant financial losses. DigitalShare Hub contends that it is an intermediary protected under safe harbor provisions, asserting no direct involvement in the infringement. In light of the above facts, discuss:1. Concept of software piracy and the recognition of the same under IT law.
2. The scope and extent of the Safe harbour provision under the IT Act 2000.
 | **7+8=****15 Marks** | **L2** | **CO4** |
| **Or** |
| **20.** | **a.** | A multinational tech company, CyberNova Inc., discovers that sensitive client data, including financial records and personal information, has been stolen from its servers. The investigationreveals that an ex-employee, now working for a rival firm, QuantumTech Ltd., accessed the data before resigning. QuantumTech allegedly used the stolen data to gain an unfair advantage in bidding for contracts. CyberNova files a complaint under the Indian Information Technology Act, 2000, alleging data theft, unauthorized access, and misappropriation of trade secrets. The rival firm denies the allegations, claiming independent development. Analyze the legal liabilities of the parties under Indian laws governing data protection. | **15 Marks** | **L4** | **CO 6** |

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| **21.** | **a.** | Examine how the issue, licensing and functioning of certifying authorities are regulated in India. Critically evaluate the role of the regulatory bodies under the IT Act in ensuring safety and security of individual privacy and sensitive information. | **10+10= 20****Marks** | **L5** | **CO 5** |
| **Or** |
| **22.** | **a.** | Examine the significance of privacy as digital right. Critically evaluate the role of the IT Act and its rules in ensuring that sensitive personal data of users are protected over cyberspace. | **10+10= 20****Marks** | **L5** | **CO1** |

**\*\*\*\*\* BEST WISHES \*\*\*\*\***