Register No.:   ………………………….   Name: ………………………………………………………….

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

THIRD SEMESTER MCA DEGREE EXAMINATION (R), DECEMBER 2023
(2021 SCHEME)

Course Code: 21CA304-E

Course Name: IPR and Cyber Laws

Max. Marks: 60   **Duration: 3 Hours**

PART A
(Answer all questions. Each question carries 3 marks)

1. What is the rationale for the protection of intellectual property? How does it relate to international agreements like the TRIPS agreement?
2. Describe the fundamentals of IPR, including the introduction to intellectual property and the reasons for protecting it.
3. What are the key guidelines and requirements for registering a trademark? Why is it important to adhere to these guidelines during the trademark registration process?
4. Describe the rights conferred by copyright. How can copyright ownership be transferred? Why is it important for creators to understand the transfer of copyright and its implications?
5. What is the significance of protecting industrial designs? What are the key requirements for registering a design under the design act 2000 in India?
6. Define a trade secret. Discuss the importance of discovering and protecting trade secrets in business operations.
7. What is the need for cyber law? How does the historical perspective of cyber law development shape the legal framework in the digital age?
8. What is the concept of cyberspace deception through squatting? How does it relate to legal issues in the digital realm?
9. What is the significance of the information technology act, 2000, and its subsequent amendments? How do these legal provisions address issues related to privacy violations in cyberspace?
10. Define the concept of offenses by intermediaries under the IT act and the punishments for misrepresentation. How do these provisions contribute to maintaining cybersecurity and protecting digital privacy?

PART B
(Answer one full question from each module, each question carries 6 marks)
MODULE I

11. a) Explain the significance of intellectual property rights (IPR) in fostering innovation and creativity. How do IPR laws and protection mechanisms support inventors, creators, and the economy? (3)

b) Discuss the challenges and ethical considerations associated with intellectual property rights, such as issues related to copyright infringement and patent trolls. How can society strike a balance between protecting IPR and promoting open innovation and accessibility? (3)

OR

12. a) Explain the role of patent documents in disseminating technical knowledge and advancing technology. How do patent documents provide valuable information to researchers, inventors, and the public? (3)

b) Discuss the potential issues and limitations of the patent system. What challenges and criticisms are associated with the patenting of inventions? How can these challenges be addressed while maintaining the integrity of the patent system? (3)

MODULE II

13. a) Explain the concept of trademark infringement and the legal protection offered to trademarks. How do guidelines for trademark registration play a crucial role in preventing infringement? (3)

b) Discuss the various aspects of copyright ownership, including terms and the transfer of copyrights. How does a clear understanding of copyright ownership benefit both creators and those who seek to use copyrighted material? (3)

OR

14. a) Provide an overview of the need for software copyright and the classification of software according to copyright standards. How does software auditing play a role in ensuring copyright compliance? (3)

b) Explain the significance of copyright notices in the protection of intellectual property. How do these elements contribute to safeguarding the rights of creators and copyright owners? (3)

MODULE III

15. a) Explain the need for protection of industrial designs and the requirements for registering designs under the design act 2000. How does this legal framework support innovation and creativity in design? (3)

b) Discuss the duration of registration of design and the application procedure. What steps does an applicant need to follow to secure (3)

design protection? How does the duration of registration impact the design industry?

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OR

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16. a) What is the significance of a trade secret in maintaining a competitive edge? How can businesses effectively discover trade secrets and protect them from unauthorized disclosure or use? (3)

    b) Explain the concept of geographic indications and the process of filing and granting protection for such indications. How does the protection of geographic indications contribute to the preservation of cultural and regional identities? (3)

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MODULE IV

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17. a) Discuss the historical perspective of cyber law development and the evolving need for legal regulation in cyberspace. How have early experiences and challenges in the digital domain shaped the framework of cyber laws? (3)

    b) Explain the issues related to the protection of copyright in cyberspace and the infringement of copyright on the internet. How do cyber laws address these challenges? What measures are in place to safeguard digital content? (3)

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OR

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18. What is NIXI? Brief the process for a domain name dispute resolution application in India by the .IN Dispute Resolution Policy (INDRP). (6)

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MODULE V

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19. a) Provide an overview of the information technology act, its historical development, and subsequent amendments. What are the punishments prescribed for privacy violations in cyber space? (3)

    b) Discuss the concept of breach of confidentiality and privacy under the IT act and the broader context of cybercrimes and offenses by intermediaries. How do these legal provisions strengthen the protection of individuals and organizations against cybersecurity threats? (3)

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20. a) Define the concept of terrorism in cyberspace and the punishments outlined in the IT act. How does the IT act address cybercrimes, including offenses related to protected systems and attempts to commit offenses? What are the implications for maintaining digital security? (3)

b) Explain the punishment for abetment and attempt to commit offenses under the IT act. How do these provisions contribute to deterrence and the enforcement of cybersecurity laws in cyberspace? (3)

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