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Total Number of Pages : 02

B.Tech
RIP7E002

**7th Semester Reg/Back Examination: 2025-26
Intellectual Property Right**

CSE, CSEAI, CSEAIML, CSEDS, CST, AEIE, AUTO, CHEM, CIVIL, ECE, EEE, ELECTRICAL, ENV, ETC, IT, MECH, METTA, MINING, MME, PT

Time : 3 Hour

Max Marks : 100

Q. Code : U247

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions: (2 x 10)

- a) Define Intellectual Property (IP). List any two types of IPR.
- b) What is a patent?
- c) What is meant by surrender of a patent?
- d) Name any four works covered under copyright protection.
- e) A novelist died in 2000. A publisher wants to republish the book in 2025. Is the work still under copyright protection? State the duration rule.
- f) What is the role of claims in determining infringement?
- g) Define the pith and marrow doctrine.
- h) A YouTuber uses a song clip in his video without permission. Which exclusive right of the copyright owner is being infringed?
- i) What is misappropriation of a trade secret?
- j) What is the difference between copyright and right of publicity?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 x 8)

- a) Briefly discuss the evolution and development of IPR in India.
- b) What are the different types of inventions that can be protected by patents? Discuss.
- c) Discuss the concepts of restoration, surrender, and revocation of patents.
- d) Explain in detail the duration of copyright for literary, artistic, musical, dramatic, film, sound recording, government, and anonymous works.
- e) Two programmers jointly develop an app but one author licenses it without consulting the other. Is this allowed under copyright law? justify.
- f) Discuss the legal validity and challenges of clickwrap agreements.
- g) Explain the role of international trade and parallel importation in infringement challenges.
- h) Describe the doctrine of equivalents with suitable examples.

- i) A startup is sued for infringement of a patent related to a solar-powered water purification system. The startup argues that its product is entirely based on a publicly available prior-art research paper published 10 years before the patent, invoking the Gillette Defence. Evaluate whether the defence is valid. Discuss the principles behind the Gillette defence, the burden of proof, and how the court would treat the validity of the patent itself in this context.
- j) "Company A owns a patent for a medical device in India. The same device is legally sold by Company A in Europe. A distributor buys the product abroad and imports it into India without permission, selling it at a lower price". Discuss whether this constitutes patent infringement. Apply the rules of parallel import, and the conditions under which parallel import may be allowed or restricted in patent law.
- k) Describe the civil and criminal liabilities associated with trade secret theft.
- l) Discuss the legal principles related to the right of publicity for celebrities.

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

Q3	Describe the layout of a patent specification with examples. (16)
Q4	Explain the meaning, scope, and importance of copyright. Discuss what works are covered under copyright law and the rationale for protecting copyright. (16)
Q5	A company X Pvt. Ltd. holds a patent for a "dual-coil thermal regulator" where the claims specify two copper coils arranged in parallel with a microcontroller regulating temperature. A competitor, Y Pvt. Ltd. , launches a product using two aluminum coils arranged in series but performing the same regulating function. Using the principles of literal and non-literal infringement, analyse whether Y Pvt. Ltd. has infringed the patent. Discuss the role of claims interpretation, specification, and functional equivalents in your conclusion. (16)
Q6	Explain federal pre-emption in the context of trade secret and publicity rights. Compare state vs. federal protections and discuss conflicts. (16)