

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code: U9C74

B.E./B.Tech. DEGREE EXAMINATION, APRIL / MAY 2025

Open Elective

21UBT974 - PATENTS AND COPYRIGHTS

(Regulations 2021)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. What do you mean by invention? Give an example CO1 - U
2. What is IPR? Give example. CO1 - U
3. Give any two examples of Non – Patentable inventions CO1 - U
4. List any four patent offices in India. CO1 - U
5. Mention the Criteria required to register Copyright. CO1 - U
6. What are the basic requisites of copyright? CO1 - U
7. What are the basic requisites of trademark? CO1 - U
8. What is Prior Art Search related to trade mark? CO1 - U
9. Define Geographical Indications? CO1 - U
10. What are the Documents Required for GI Registration? CO1 - U

PART – B (5 x 16= 80 Marks)

11. (a) Discuss how Intellectual Property (IP) rights can be leveraged by businesses and artists to enhance both economic development and cultural innovation CO2 -App (16)
- Or
- (b) How do the regional patent offices in India contribute to the broader goals of patent protection and intellectual property development in the country? CO2 -App (16)

12. (a) The Indian patent system has often been criticized for not being as efficient as global patent systems. Identify the key inefficiencies in the patent filing and enforcement process in India, and propose solutions to streamline the system CO2- App (16)
- Or
- (b) Your friend is an accomplished researcher with a recent semiconductor-related invention. He will gladly turn his invention into a patent. He has looked to you as a friend for assistance and direction. Utilize your knowledge to assist your friend in obtaining a patent. CO2 -App (16)
13. (a) The ideas, concepts, and principles themselves cannot be protected under Copyright; only the form in which they are expressed can be copyrighted. Recollect your learning and interpret your knowledge in the works not under the jurisdiction of Copyrights in detail. CO2-App (16)
- Or
- (b) An individual having difficulty registering his documentary for copyrights. Help the individual obtain copyright for his documentary by assuming the role of employee in the copyright office. CO2-App (16)
14. (a) What is the role of IPR in electronics industry? Explain in terms of circuit boards and integrated chips, how IPR can be used to protect them. CO1 - U (16)
- Or
- (b) What is Trademark? Explain the different types of trademarks with examples? Differentiate between Trademark and design. What is the process of registering a trademark? CO1 - U (16)
15. (a) Discuss the key acts and laws that govern the protection of industrial designs in India. Explain how these laws ensure the protection and enforcement of design rights CO1 - U (16)
- Or
- (b) Explain in detail about salient features and main activities of WIPO. CO1 - U (16)