

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal-500043, Hyderabad

B.Tech VI SEMESTER END EXAMINATIONS (REGULAR) - JULY 2023

Regulation: UG-20

INTELLECTUAL PROPERTY RIGHTS

Time: 3 Hours (ELECTRONICS AND COMMUNICATION ENGINEERING) **Max Marks: 70****Answer ALL questions in Module I and II****Answer ONE out of two questions in Modules III, IV and V****All Questions Carry Equal Marks****All parts of the question must be answered in one place only****MODULE – I**

1. (a) Discuss about the Doha declaration and its significance in the context of WTO negotiations and its objectives for developing countries. [BL: Understand| CO: 1|Marks: 7]
- (b) Explain the key provisions of the trade related intellectual properties agreement and describe how it addresses the issues related to patents, copyrights, trademarks and other forms of intellectual property. [BL: Apply| CO: 1|Marks: 7]

MODULE – II

2. (a) How is Berne convention administered? Describe briefly about the fundamental concepts that guide the protection of literary and artistic works under the convention. [BL: Understand| CO: 2|Marks: 7]
- (b) Elucidate the role of the Paris convention in the international protection of patents. How does the convention facilitate the filing and recognition of patent application across member countries. [BL: Apply| CO: 2|Marks: 7]

MODULE – III

3. (a) Differentiate copyright from other forms of intellectual property rights (IPR) the patent and trademark. Explain the rights granted to copyright holders. [BL: Understand| CO: 3|Marks: 7]
- (b) Imagine a world without IPR. How do you think this would impact innovation, creativity and technological advancement? Elucidate. [BL: Apply| CO: 3|Marks: 7]
4. (a) Enumerate the structure and components of a patent specification. What information should be included in the different sections of the specification. [BL: Understand| CO: 4|Marks: 7]
- (b) Describe the patent application process, including the steps involved from filing to grant. What are the key milestones and timelines to be aware of? [BL: Apply| CO: 4|Marks: 7]

MODULE – IV

5. (a) Why do we need to protect geographical indications? Explain in detail the applications of geographical indication. [BL: Understand| CO: 5|Marks: 7]
- (b) Discuss the challenges faced by applicants when filing convention applications and propose strategies to overcome them. [BL: Apply| CO: 5|Marks: 7]

6. (a) What rights are conferred to the holders of registered geographical indications? Explain the scope of protection for geographical indications. [BL: Understand| CO: 5|Marks: 7]
- (b) The world intellectual property organization (WIPO) plays a significant role in the protection of geographical indications. Explain. [BL: Apply| CO: 5|Marks: 7]

MODULE – V

7. (a) Compare and contrast the trademark infringement and passing off. Summarize the remedies available for trademark infringement. [BL: Understand| CO: 6|Marks: 7]
- (b) Enumerate the procedure for the copyright registration and the procedure of filling application. Mention the salient features of copy rights. [BL: Analyze| CO: 6|Marks: 7]
8. (a) Differentiate between trademark and copyright. Classify the following trademarks into different categories: Coca-Cola, Nike, Apple, McDonald's. [BL: Understand| CO: 6|Marks: 7]
- (b) Critically analyze the role of classification systems, such as the Nice classification, in addressing the growing complexities of goods and services in the digital age. [BL: Apply| CO: 6|Marks: 7]

