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INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal-500043, Hyderabad

B.Tech VII SEMESTER END EXAMINATIONS (REGULAR/SUPPLEMENTARY) - DECEMBER 2022

Regulation: R18

INTELLECTUAL PROPERTY RIGHTS

Time: 3 Hours

(Common to ECE | ME)

Max Marks: 70

Answer FIVE Questions choosing ONE question from each module

All Questions Carry Equal Marks

All parts of the question must be answered in one place only

MODULE – I

- (a) What is meant by intellectual property? Why does intellectual property need to be promoted and protected? [BL: Understand| CO: 1|Marks: 7]

(b) An invention may satisfy the condition of novelty, inventiveness, and usefulness but it may not qualify for a patent. Discuss, who checks the novelty features of invention? [BL: Apply| CO: 1|Marks: 7]
- (a) Classify the international agreements and treaties that affect intellectual property. Briefly discuss about general agreement on tariffs and trade (GATT) eight rounds. [BL: Understand| CO: 1|Marks: 7]

(b) "The modern globalised economy paved way for the emergence of new IPRs". Do you agree? Critically comment. [BL: Apply| CO: 1|Marks: 7]

MODULE – II

- (a) Explain the relevant provisions of Paris convention dealing with 'protection against unfair competition/anti-competitive practices. [BL: Understand| CO: 2|Marks: 7]

(b) Elaborate the history and important provisions of the Berne convention for the protection of literary and artistic work. Also mention the limitations of the convention. [BL: Understand| CO: 2|Marks: 7]
- (a) Write the effects of an international registration. Mention the advantages of the Madrid system? [BL: Understand| CO: 2|Marks: 7]

(b) Outline the essential features of TRIPS framework and what kind of challenges it has faced or continues to face while claiming legitimacy as international framework for intellectual property? [BL: Understand| CO: 2|Marks: 7]

MODULE – III

- (a) Summarize about patentability criteria. Explain the types of patent applications you can file in India. [BL: Understand| CO: 3|Marks: 7]

(b) Demonstrate the basic requirements for an invention to be patented. What items, products and processes cannot be patented? [BL: Understand| CO: 3|Marks: 7]

6. (a) Differentiate between assignment and licensing of patent rights. Explain patent application process. [BL: Understand| CO: 4|Marks: 7]
- (b) "All kinds of inventions are not patentable. Inventions that need to be protected under patents should fulfil certain patentable criteria". Analyse and examine this statement. [BL: Analyze| CO: 4|Marks: 7]

MODULE – IV

7. (a) Why is the legal protection of Geographical Indications (GIs) important? Discuss. [BL: Understand| CO: 5|Marks: 7]
- (b) What are the GIs? Explain the difference between GIs and trademarks. [BL: Understand| CO: 5|Marks: 7]
8. (a) Discuss the criteria for protection of GIs goods. Give some illustration of GI applications. [BL: Understand| CO: 5|Marks: 7]
- (b) Explain the salient features of the GI Act, 1999. What are the criteria for registration under the Geographical Indication Act, 1999 ? [BL: Understand| CO: 5|Marks: 7]

MODULE – V

9. (a) Discuss the criteria for registration of trademarks. Explain the different grounds for refusal of registration under the trademarks Act, 1999 [BL: Understand| CO: 6|Marks: 7]
- (b) Mention the rights of trademark owners. Give a detailed on comprehensive search of trade mark. [BL: Understand| CO: 6|Marks: 7]
10. (a) What are the different types of application forms for copy right registration? List the benefits of securing registration of copy rights. [BL: Understand| CO: 6|Marks: 7]
- (b) Interpret the concept of "fair use" under the Copyright Act, 1957. Is it important to protect copyright of authors ? Explain [BL: Apply| CO: 6|Marks: 7]

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