

**III B. Tech I Semester Regular/Supplementary Examinations, October/November -2017**  
**INTELLECTUAL PROPERTY RIGHTS AND PATENTS**

(Common to Civil Engineering, Electrical and Electronics Engineering, Mechanical Engineering,  
 Electronics and Communication Engineering, Electronics and Instrumentation Engineering,  
 Electronics and Computer Engineering, Aeronautical Engineering, Automobile Engineering,  
 Mining Engineering, Agricultural Engineering)

Time: 3 hours

Max. Marks: 70

- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)  
 2. Answering the question in **Part-A** is compulsory  
 3. Answer any **THREE** Questions from **Part-B**

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**PART -A**

- |   |    |                                          |      |
|---|----|------------------------------------------|------|
| 1 | a) | Explain the basic concept of IPR.        | [3M] |
|   | b) | Discuss Copy Right Registration Process. | [4M] |
|   | c) | Explain transfer of Patent.              | [4M] |
|   | d) | Significance of Trade Mark Law.          | [4M] |
|   | e) | What is Trade Secret?                    | [4M] |
|   | f) | Explain on-line crime.                   | [3M] |

**PART -B**

- |   |    |                                                                             |      |
|---|----|-----------------------------------------------------------------------------|------|
| 2 | a) | Explain the different types of Intellectual Property Rights.                | [8M] |
|   | b) | Distinguish between innovation and inventions.                              | [8M] |
| 3 | a) | Explain Semi Conductor Chip Protection Act.                                 | [8M] |
|   | b) | Discuss the Principles of Copyright Act.                                    | [8M] |
| 4 | a) | What is double patenting? Explain.                                          | [8M] |
|   | b) | Examine the process and granting of Patent.                                 | [8M] |
| 5 | a) | What are the liabilities of Trade mark claims and infringement?             | [8M] |
|   | b) | Explain the significance of International Trade Mark Law?                   | [8M] |
| 6 | a) | What are cyber crimes? Give examples.                                       | [8M] |
|   | b) | What is confidentiality agreement and how it can protect the Trade secrets? | [8M] |
| 7 | a) | Define IT Act 2000 and explain its significance.                            | [8M] |
|   | b) | Briefly describe the unfair competition in India.                           | [8M] |

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**PART -A**

- |      |                                        |      |
|------|----------------------------------------|------|
| 1 a) | Explain the agencies responsibilities. | [3M] |
| b)   | Discuss Copyright formalities.         | [4M] |
| c)   | Explain Patent Requirements.           | [3M] |
| d)   | What is Trade Mark maintenance?        | [4M] |
| e)   | Write about "Competitions Commission". | [4M] |
| f)   | Define Cyber Crime.                    | [4M] |

**PART -B**

- |      |                                                                                           |      |
|------|-------------------------------------------------------------------------------------------|------|
| 2 a) | What is the purpose of promotions of intellectual property rights?                        | [8M] |
| b)   | Explain the effect of over use or misuse of Intellectual Property Rights?                 | [8M] |
| 3 a) | What is 'fair use' under the Copyright Act?                                               | [8M] |
| b)   | Discuss the duration of Copyright for different subject matters under the copy right act. | [8M] |
| 4 a) | Explain "Patent Co-operation Treaty" in detail.                                           | [8M] |
| b)   | What is 'compulsory licensing' under the patent act? Explain.                             | [8M] |
| 5 a) | What are the essential requirements of post registration of Trade Mark?                   | [8M] |
| b)   | What is the meaning of "Deceptive Similarities" under the Trade Mark Law?                 | [8M] |
| 6 a) | What are the various ways in which a contract of Breach?                                  | [8M] |
| b)   | Discuss the meaning and significance of "Privacy" as per Information Technology Act?      | [8M] |
| 7 a) | What are the potential problems and challenges of E-Commerce?                             | [8M] |
| b)   | Write about the licensing agreement for the transfer of patented invention/ technology.   | [8M] |

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**PART -A**

- |   |    |                                         |      |
|---|----|-----------------------------------------|------|
| 1 | a) | Explain Infringement.                   | [3M] |
|   | b) | Explain the limitations of copyrights.  | [4M] |
|   | c) | Write about Patent Co-operation Treaty. | [4M] |
|   | d) | What is confidentiality agreement?      | [4M] |
|   | e) | Define E-Governance.                    | [4M] |
|   | f) | What is Certification of mark?          | [3M] |

**PART -B**

- |    |    |                                                                          |      |
|----|----|--------------------------------------------------------------------------|------|
| 2  | a) | Explain and evaluate the IP Rights in India.                             | [8M] |
|    | b) | Discuss the regulatory frame work of Intellectual Property Rights.       | [8M] |
| 3. | a) | What are the liabilities of Copyright infringement?                      | [8M] |
|    | b) | Explain the rights to prepare Derivative Works as per act of Copyrights? | [8M] |
| 4  | a) | What are the objectives of Patent Law?                                   | [8M] |
|    | b) | Write a note on the new developments in Patent Law?                      | [8M] |
| 5  | a) | Explain the significance of “ Trade Mark Law”.                           | [8M] |
|    | b) | Explain the different types of dilution of ownership of Trade Mark.      | [8M] |
| 6  | a) | Explain the significance of “Data Security” under IT Act.                | [8M] |
|    | b) | What is the protection of Trade Secrets? Explain.                        | [8M] |
| 7  | a) | Write a note on “Unfair Competition” in Trade and commerce.              | [8M] |
|    | b) | What is digital signature ? Who can issue digital signature?             | [8M] |

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**PART -A**

- |   |    |                                        |      |
|---|----|----------------------------------------|------|
| 1 | a) | Explain overuse and misuse of IPRs.    | [3M] |
|   | b) | What is Copyright?                     | [4M] |
|   | c) | Discuss Granting of Patent.            | [4M] |
|   | d) | What is 'Service mark'?                | [4M] |
|   | e) | What is the effect of confidentiality? | [4M] |
|   | f) | Write a note on online Security.       | [3M] |

**PART -B**

- |   |    |                                                                                                            |      |
|---|----|------------------------------------------------------------------------------------------------------------|------|
| 2 | a) | What are the Agencies for Intellectual Property Registration?                                              | [8M] |
|   | b) | Enumerate the various documents to be filled with the Registrar of Copyrights.                             | [8M] |
| 3 | a) | Discuss about Patent and Double Patenting.                                                                 | [5M] |
|   | b) | What are the remedies available to an aggrieved party for the Breach of a contract regarding Trade Secret? | [5M] |
|   | c) | State briefly the principles of E-Commerce?                                                                | [6M] |
| 4 | a) | Under what conditions compulsory license can be issued? Explain the consequences.                          | [8M] |
|   | b) | What are the various ways of Trade Mark Claims?                                                            | [8M] |
| 5 | a) | Define international aspects of Computer and Online Crime?                                                 | [8M] |
|   | b) | What is the liability of an inventor if he exceeds the patent right?                                       | [8M] |
| 6 | a) | What are the remedies available for trade mark Infringement?                                               | [8M] |
|   | b) | Discuss about the significance of the cyber laws in detail.                                                | [8M] |
| 7 | a) | How trade secrets can be protected? Explain.                                                               | [8M] |
|   | b) | Under what circumstances does a Trade Mark terminate?                                                      | [8M] |

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