



M.TECH DEGREE EXAMINATIONS: MAY/JUNE 2024

(Regulation 2018)

Second Semester

MASTER OF TECHNOLOGY MANAGEMENT

P18TME0036: IPR Fundamentals and Patent Drafting

COURSE OUTCOMES

CO1: Have thorough knowledge on fundamental concepts of Intellectual Property.

CO2: Take strategic decisions regarding commercialization of IP.

CO3: Draft the Patent for a product.

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. The term 'Intellectual Property Rights' covers CO1 [K₂]
 - a) Copyrights
 - b) Know-how
 - c) Trade dress
 - d) All of the above
2. Intellectual Property Rights (IPR) protect the use of information and ideas that are of CO1 [K₂]
 - a) Ethical value
 - b) Moral value
 - c) Social value
 - d) Commercial value
3. The symbol of Maharaja of Air India is CO2 [K₂]
 - a) Copyright
 - b) Patent
 - c) Trademark
 - d) GI
4. Who can challenge the issue of a patent? CO3 [K₂]
 - a) Business competitors
 - b) The inventor's partners or employees
 - c) Anyone
 - d) Federal government
5. What protects the intellectual property created by artists? CO1 [K₂]
 - a) Copyright
 - b) Geographical indications
 - c) Patents
 - d) Trademarks
6. Which of these is a geographical indication? CO1 [K₂]
 - a) BMW
 - b) Champagne
 - c) Hogwarts
 - d) PlayStation
7. To be patented, an invention must be _____. CO3 [K₂]
 - a) Non-obvious
 - b) Solves problem technically
 - c) Novel
 - d) All of the above
8. What protects the intellectual property created by inventors? CO2 [K₂]
 - a) Patents
 - b) Trademarks
 - c) Copyright
 - d) Geographical indications

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|-----|---|-----|-----------------------|
| 9. | If you write an original story, what type of intellectual property gives you the right to decide who can make and sell copies of your work? | CO2 | [K ₂] |
| | a) Geographical indications | | b) Patents |
| | c) Trademarks | | d) Copyright |
| 10. | What protects the intellectual property created by designers? | CO3 | [K ₂] |
| | a) Copyright | | b) Registered designs |
| | c) Geographical indications | | d) Trademarks |

PART B (10 x 2 = 20 Marks)

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| 11. | Compare IP & IPR | CO1 | [K ₂] |
| 12. | Summarise the various types of intellectual property rights for innovation. | CO1 | [K ₂] |
| 13. | What is a Patent & when can an innovation be filed for a parent? | CO3 | [K ₂] |
| 14. | Explain design registration with an example | CO1 | [K ₂] |
| 15. | Explain the places where we can use the Copyright of IP | CO1 | [K ₂] |
| 16. | List various attributes in the structure of the Parent draft. | CO3 | [K ₂] |
| 17. | Summarise the various types of IP infringement | CO2 | [K ₂] |
| 18. | Outline the Benefits of intellectual property rights for a Business | CO3 | [K ₄] |
| 19. | Explain the significance of the Keyword | CO3 | [K ₂] |
| 20. | Explain IP Licensing | CO2 | [K ₂] |

PART C (6 x 5 = 30 Marks)

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|-----|--|-----|-------------------|
| 21. | What is a software patent and how can it be patented | CO1 | [K ₂] |
| 22. | Explain the importance of Intellectual Property is Essential in every Business | CO2 | [K ₂] |
| 23. | Explain IP Commercialisation | CO2 | [K ₂] |
| 24. | Explain various technology transfer activities for the open innovation of your company | CO2 | [K ₂] |
| 25. | Explain the need for a Prior art search report before filing any patent | CO3 | [K ₂] |
| 26. | Describe researching your keywords before your patent search | CO3 | [K ₂] |

Answer any FOUR Questions

PART D (4 x 10 = 40 Marks)

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| 27. | Explain the various types of Intellectual Property with an example | CO1 | [K ₂] |
| 28. | Describe the case study on basmati rice on Intellectual Property | CO2 | [K ₂] |
| 29. | Explain the process involved in filing a Patent for your innovation | CO3 | [K ₅] |
| 30. | Explain various Patent Analytics with a relevant example | CO2 | [K ₅] |
| 31. | Develop a patent draft for the innovation from your company | CO3 | [K ₆] |
