**POORNIMA UNIVERSITY, JAIPUR.**

**END SEMESTER EXAMINATION, April 2023**

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|  | **3BT6108** | Roll No. | Total Printed Pages: 2 |
| **3BT6108** |  |
| B. Tech. III Year VI-Semester (Main/Back) End Semester Examination, April 2023  **(CE / CC / DS / AI)** | |
| **BCE06110 / BAI06110 / BDS06110 / BCC06110:**  **IPR and Patents** | | | |

# Max. Time: **3** Hours. Max. Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / part. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

# **1.----------------------------------------------** **2. -----------------------------------------**

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | Define Intellectual Property? Describe the need & types of IPR with example of each. | **(6)** | Remember |
|  |  |  |  |  |
|  | **(b)** | Define the Role of Intellectual Property Rights in Economic Development. | **(6)** | Evaluate |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.2** | **(a)** | Why you need to protect your Intellectual Property? Explain with Example. | **(6)** | Remember |
|  |  |  |  |  |
|  | **(b)** | Define of Intellectual Property as per WIPO Convention. Mention the key International Treaties. | **(6)** | Understand |
|  |  |  |  |  |
|  |  | **UNIT-II (CO2)** |  |  |
|  |  |  |  |  |
| **Q.3** | **(a)** | Why WIPO was formed? Mention the Norm setting for Copyrights, Trademark, GI & Industrial Design. | **(6)** | Evaluate |
|  |  |  |  |  |
|  | **(b)** | What is the relation between intellectual property rights and human rights? Define with example. | **(6)** | Apply |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.4** | **(a)** | Define Trade-Related Aspects of Intellectual Property Rights Agreement (TRIPS) & it’s Basic principles. | **(6)** | Evaluate |
|  |  |  |  |  |
|  | **(b)** | Why WTO was formed? Define it’s functions. Mention it’s benefits also. | **(6)** | Create |
|  |  |  |  |  |
|  |  | **UNIT-III (CO3)** |  |  |
|  |  |  |  |  |
| **Q.5** | **(a)** | Differentiate between Technology Transfer Agreement and Service Agreements | **(6)** | Understand |
|  |  |  |  |  |
|  | **(b)** | Explain the Benefits and Methods of Intellectual Property Valuation. | **(6)** | Understand |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.6** | **(a)** | What is Cyber Law? What is Need for Cyber Law in context to IP | **(6)** | Remember |
|  |  |  |  |  |
|  | **(b)** | What do you understand by Commercialization of intellectual property rights by licensing? | **(6)** | Understand |
|  |  | **UNIT-IV (CO4)** |  |  |
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| **Q.7** | **(a)** | What are the stages from filing to grant of a patent. Draw the flow diagram for the same. | **(8)** | Remember |
|  |  |  |  |  |
|  | **(b)** | Define Harmonization of CBD. | **(4)** | Evaluate |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.8** | **(a)** | What is Patent Cooperation Treaty (PCT). Mention the different Phases in filing the PCT Application Process. | **(8)** | Remember |
|  |  |  |  |  |
|  | **(b)** | What do you mean by Patentable Subject Matter? | **(4)** | Understand |
|  |  |  |  |  |
|  |  | **UNIT-V (CO5)** |  |  |
|  |  |  |  |  |
| **Q.9** | **(a)** | Define Patent infringement. Mention various types of patent infringement. | **(6)** | Remember |
|  |  |  |  |  |
|  | **(b)** | What is significance of Patent application filing? Describe the types of applications for patent filing | **(6)** | Understand |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.10** | **(a)** | Define Patent Granting Procedure & Revocation with example. | **(6)** | Understand |
|  |  |  |  |  |
|  | **(b)** | What are the provisions of the Biological Diversity Act, 2002? | **(6)** | Remember |