

**HONS.08/003/22**

**B.A. LL.B (Hons.) DEGREE EIGHTH SEMESTER EXAMINATIONS, MAY 2022**

**INTELLECTUAL PROPERTY AND TECHNOLOGY: CONTEMPORARY CHALLENGES**

**This question paper consists of 3 parts. All parts are to be answered compulsorily.**

**Time: 3 Hours**

**Total Marks: 50**

**PART A**

**Answer any 2 questions (2 x 10 = 20)**

1. In your opinion, is our present intellectual property regime ready for innovations based on block chain technology? What are the major challenges that may be presented to our existing system of intellectual property by these?
2. “Anything under the sun, made by man, is patentable”. Does this statement still hold well in the present context of intellectual property protection of biotechnological and biomedical inventions? Elaborate, from a comparative perspective.
3. “In today’s digital world, when most inventions are based on computer programs, it would be retrograde to argue that all such inventions would not be patentable,” opined the Delhi High Court. Clarify the Indian framework of protection of inventions based on computer programs.
4. Explore the post- *Puttaswamy* realm of protection of privacy in India. What is the significance of informational privacy? Why is it of primary significance in the domain of evolving information and communication technologies?

**PART B**

**Write short notes on any 4 of the following (4 x 5 = 10)**

1. Nanotechnology inventions
2. Patent Thicket
3. Relevance of smart contracts in enforcement of intellectual property
4. Scope of Fair use in the new digital technological applications
5. Doctrine of Equivalents
6. CRISPR gene editing-related patent disputes

## PART C

Answer any 2 questions (2 x 5= 10)

1. An artist B, solved a longstanding and hitherto unsolved, geometrical design problem by use of 3-D printing technology and uploaded a video about the same in YouTube. Another person, C, on viewing the impugned video, replicated the process and congratulated B in her YouTube channel, wherein she uploaded her own video of the same. B now approaches you for potential actions to be adopted to protect his creation. Advice.
2. M/s. Smart Doors is an Internet of Things company that manufactures smart devices for uses in homes. In order to add their products to an IoT network, they devised a method by which they hack into other connected devices and break/decrypt the encryption keys specific to such devices, then re-authenticate them, linking their products as well to the network. Examine the scope of patentability of this method.
3. 'AI News View' is a news company that collects news from across the world and with the help of advanced AI systems, processes the most popular news items and prepares both document and video presentation of such reports. Before publication, the reports undergo supervision by human managers. Daily Bugle News Ltd. is suing AI News View citing numerous infringements in its reporting, "they are copying from us verbatim". Examine the potential liability of 'AI News View' if the allegations are true, and defenses, if any.

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