

**HONS. 09 / 019 / 19**

**B.A., LL.B. (Hons.) DEGREE NINTH SEMESTER EXAMINATION,  
NOVEMBER 2019**

**INTELLECTUAL PROPERTY AND TECHNOLOGY:  
CONTEMPORARY CHALLENGES**

**Time: 3 Hours**

**Maximum Marks: 50**

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

**PART A**

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

1. "There have been debates over the patentability, copyright and infringement of Internet of Things (IoT) for a long time." In view of the fact that the market potential of the IoT in India is estimated to reach USD 9.2 billion by 2020, what should be the ideal response of our legal system to IoT and their intellectual property possibilities?
2. What do you understand by Artificial Intelligence (AI)? What is the significance of AI? How does AI challenge traditional concepts of intellectual property rights?
3. "Today, it is impossible to assure data privacy unless personal data is protected by technology". Do you agree with this statement? With particular reference to the relevant legal instruments, bring out the scope of protection of privacy and data protection in India.
4. "Intellectual property rights serve as a crucial framework to define and regulate nano-technological inventions and other developments". Examine this statement. With specific reference to the relevant provisions and case laws, bring out the intellectual property-related aspects of nanotechnology.

## **PART B**

**Answer any 4 questions (4 x 5 = 20)**

1. Patent Trolls
2. Standard Essential Patents
3. Doctrine of Equivalents
4. 3-D printing and possible IP infringements
5. Unmanned Aerial Vehicles
6. Privacy challenges of Big Data

## **PART C**

**Answer any 2 questions (2 x 5= 10)**

1. A creative artificial intelligent entity "Being 2.0" was created by Mr. X. "Being 2.0" created a digital art work. Can Mr. X claim copyright over the same? Can "Being 2.0" be credited with authorship? Critically discuss, with relevant provisions.
2. Mr. Y downloaded a computer aided design of a patented invention (such CAD file was circulated by a third party, unauthorized by the patent holder) and printed the same for his personal use. Is he guilty of patent infringement? Clarify.
3. Mr. Z was approached by medical representatives, claiming that he is predicted to develop cardiovascular difficulties, and that it would be in his interest to consume certain medicines that may have a preventive effect on such developments. On query, the medical representatives reveal that the said data was supplied by the hospital and his physician Dr. B. Explore possible steps that may be adopted by Mr. Z.