

**B.A. LL.B. (HONS.) DEGREE NINTH SEMESTER EXAMINATION,**

**JANUARY 2021**

**INTELLECTUAL PROPERTY AND TECHNOLOGY: CONTEMPORARY  
CHALLENGES**

**Question carries 10 marks**

**Module 1**

**(Time 10.00 a.m.- 10.45 a.m (35 minutes for writing and 10 minutes for uploading)**

- I. a) “Management of intellectual property rights is very important, as it both enables and restricts the utilization of research results and impacts the competitiveness of technology-based businesses”. Elucidate, with special reference to modern and evolving technologies and the patterns of commercialization.

**OR**

- b) With the help of an example, bring out the significance of intellectual property rights in the development and expansion of disruptive technologies.

**Module 2**

**(Time 10.45 a.m.-11.30 a.m (35 minutes for writing and 10 minutes for uploading)**

- II. a) “The meaning and value of privacy remains as a subject of considerable controversy.” From the context of regulation of technologies and their possible invasion into the personal spheres of lives of individuals, examine the relevance of privacy and protection of personal information.

**OR**

- b) What do you understand by ‘Creative Destruction’? How far does this theory justify disruptive innovative technologies and their effect in a society? Explain with the help of an illustration.

**Module 3**

**(Time 11.30 a.m.-12.15 p.m.(35 minutes for writing and 10 minutes for uploading)**

- III. a) What do you understand by Computer Related Inventions? Explain the Indian framework of regulation and protection of intellectual property related to Computer

Related Inventions.

**OR**

b) “Today, researchers are working on ever more ambitious applications of AI, which will revolutionize the ways in which we work, communicate, study and enjoy ourselves,” says World Intellectual Property Organization. Explain the role that intellectual property rights play in this evolving technological domain.

#### **Module 4**

**(Time 12.15p.m.-1.00p.m.(35 minutes for writing and 10 minutes for uploading)**

IV. a) “Modern biotechnology is expected to lead to important breakthroughs in many fields, such as health, food, energy, environment- to name a few”. How do intellectual property systems deal with the novel controversies raised by modern biotechnological inventions?

**OR**

b) “While inventions in the field of nanotechnology would, as a general rule, appear to qualify for patent protection, yet they seem to inherently challenge pre-existing notions of patentability”. Explain this statement.

#### **Module 5**

**(Time 1.00 p.m.-1.45p.m.(35 minutes for writing and 10 minutes for uploading)**

V. a) “The discovery of the simple, yet powerful, gene-editing CRISPR technology, and its wide and varied potential applications, is a true revolution in life sciences.” Explain the unique features and developments in the patent landscape of this technology.

**OR**

b) Explain the significance of the case, *Association for Molecular Pathology v. Myriad Genetics, Inc*, 569 U.S. 576 (2013) in the domain of patenting of biotechnological and biomedical inventions.