

National Law University and Judicial Academy (NLUJA), Assam
B.A., LL.B. (Hons.) Five Year Integrated Course: **V-Year, X-Semester**
Mid Semester Examination (April, 2026)

Course Code with Title: **[BL1005.10] Artificial Intelligence and IPR**
(Compulsory Paper)

Time: **1:30 Hrs.**

Total Marks: **25**

INSTRUCTIONS:

1. Read all questions carefully before answering.
2. Unnecessary queries on the question paper shall not be entertained.
3. Do not write anything on the question paper. It will be treated as malpractice.

Answer any five of the following questions. Each question carries (5) marks.

1. An AI-generated invention is rejected on the ground that patent law recognizes only human inventors. Critically analyse how the human-centric nature of patent law creates challenges in the age of AI.
2. An AI-generated logo closely resembles an existing brand, leading to consumer confusion. What challenges does AI pose for trademark protection and brand recognition?
3. An AI tool creates a painting based on a user's prompt. Who should own the copyright in this painting? Explain the challenges of giving copyright protection to AI-generated works.
4. What is Artificial Intelligence? Trace its brief history and discuss its impact on different areas of Intellectual Property law.
5. In a patent dispute, one party argues that with AI tools, even an ordinary researcher can easily arrive at the invention. How does AI challenge the traditional concept of the "person skilled in the art"?
6. A company relies on AI algorithms and data models as part of its competitive strategy. What legal issues arise in protecting AI-based trade secrets?
