

GUJARAT TECHNOLOGICAL UNIVERSITY
BACHELOR OF ENGINEERING – SEMESTER 2 – EXAMINATION – SUMMER 2026

Subject Code: BE02000031/BE02R00031

Date: 30/06/2026

Subject Name: Intellectual Property Rights

Time: 10:30 AM TO 01:00 PM

Total Marks: 70

Instructions:

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Simple and non-programmable scientific calculators are allowed.**

- Q.1** (a) Define Intellectual Property. Explain its significance in the modern economy. **03**
(b) Discuss advantages and disadvantages of Intellectual Property Rights (IPR) **04**
(c) Explain with examples: Patents, Copyrights, Trademarks, and Geographical Indications. **07**
- Q.2** (a) Differentiate between Patents and Design with suitable examples. **03**
(b) Explain the procedure of filing a Patent in India. **04**
(c) Case Study: A startup develops a new eco-friendly material. Discuss what type(s) of IPR they can apply for and justify. **07**
- OR
- Q.2** (c) Discuss the economic impact of IPR on developing countries with examples. **07**
- Q.3** (a) List out the IPR regulatory authorities in India. **03**
(b) Write a short note on the role and powers of the Controller General of Patents, Designs, and Trademarks (CGPDTM) **04**
(c) Explain the filing procedure for a Copyright in India **07**
- OR
- Q.3** (a) Define Geographical Indications (GI) with two Indian examples. **03**
(b) Write a note on Plant Variety Protection in India. **04**
(c) Discuss Design Registration process in India **07**
- Q.4** (a) Explain the role of WIPO in promoting IPR worldwide. **03**
(b) Write a note on the Paris Convention. **04**
(c) Explain the significance of PCT (Patent Cooperation Treaty) and its filing procedure. **07**
- OR
- Q.4** (a) What is the TRIPS Agreement? **03**
(b) Discuss the importance of Berne and Rome Conventions. **04**
(c) Analyze the impact of TRIPS Agreement on Indian Patent System. **07**
- Q.5** (a) Define Trademark. Differentiate between Service Mark and Certification Mark. **03**
(b) Write a note on Madrid Protocol related to trademarks. **04**
(c) "IPR encourages innovation and entrepreneurship." Justify with examples. **07**
- OR
- Q.5** (a) Define Industrial Design with examples. **03**
(b) Explain Hague Agreement on Industrial Designs. **04**
(c) Discuss Marrakesh Treaty and its impact on accessibility of copyrighted works. **07**
