

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VII(OLD) • EXAMINATION – WINTER 2016

Subject Code: 170305

Date: 18/11/2016

Subject Name: Intellectual Property Rights and Bioethics (Department Elective-I)

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.**

- Q.1** (a) Write a short note on Patentable Subject Matter. **07**
(b) Explain the significance of IPR in case of developing countries. **07**
- Q.2** (a) Define Patent Claim. Explain different parts of a patent claim draft. **07**
(b) Enlist & explain different types of IPR with examples. **07**
- OR**
- (b) Define Copyright and give an account of the various rights protected under copyright along with examples. **07**
- Q.3** (a) Explain the evolution of the field of IPR in India. Also discuss the future scope for development in this field. **07**
(b) Enlist & explain different types of Patent Claims in detail. **07**
- OR**
- Q.3** (a) Explain how IPR violation has occurred in case of the issue regarding Neem tree. Also suggest the possible course of action that India can undertake. **07**
(b) Explain the interaction of IPR & Bioethics. **07**
- Q.4** (a) Elaborate on the following sentence: **07**
“Bioethics acquires significant importance in the field of Biomedical engineering.”
(b) What is the duration for which copyright protection is granted? **07**
Also explain the procedure for transfer of copyrights.
- OR**
- Q.4** (a) Write a short note on Industrial Design. **07**
(b) Explain the following terms: I) GATT **07**
II) Patent Law Treaty
- Q.5** (a) Write a detailed note on Intellectual Property Management **07**
(b) What are the concern & challenges for developing a balanced IPR regime in India? **07**
- OR**
- Q.5** (a) Explain the role & scope of UPOV for protection of New Varieties of Plants. **07**
(b) Write a short note on Geographical Indications. **07**