

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VII • EXAMINATION – WINTER 2013****Subject Code: 170305****Date: 03-12-2013****Subject Name: Intellectual Property Rights & Bioethics****Time: 10.30 am - 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) What are the importances of intellectual property rights? **07**
(b) Explain the meaning of patentable subject matter. What is not patentable? **07**
- Q.2** (a) Explain the various types of IPR. **07**
(b) Discuss the IPR case study related to – Basmati Rice. **07**
- OR**
- (b) Discuss the IPR case study related to – Neem. **07**
- Q.3** (a) Explain the condition of IPR in developing Countries. **07**
(b) What is the format of Patent claim? Explain with example. **07**
- OR**
- Q.3** (a) Discuss the complete the patent claims and legal decision making process of IPR in India. **07**
(b) List various international conventions and treaties by WIPO and their meaning. **07**
- Q.4** (a) Discuss the scope of patenting a biological material. **07**
(b) Explain: GATT. **07**
- OR**
- Q.4** (a) Differentiate trademarks and trade secrets. **07**
(b) Explain: TRIPS. **07**
- Q.5** (a) Explain the interaction of Intellectual Property Rights and Bioethics. **07**
(b) Explain the term; Value of life with respect to bioethics. **07**
- OR**
- Q.5** (a) Discuss the professional ethics related to biomedical Engineering. **07**
(b) Give two examples of each types of IPR and their period of validity. **07**
