

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

Subject Code:2170408**Date:25/11/2016****Subject Name:Bioethics, Patents and IPR****Time:10.30 AM to 1.00 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) Explain the concept of IPR, Designs and Trademarks. **07**
(b) Comment on the classification of patents in India. **07**
- Q.2** (a) What are different categories of patents? Highlight their striking features. **07**
(b) Discuss the bio-safety of genetically engineered products. **07**
- OR**
- (b) Discuss the opportunities and challenges of transgenic technology. **07**
- Q.3** (a) Comment on Copyrights and Geographical Indications. **07**
(b) Write the history of Indian Patent System. **07**
- OR**
- Q.3** (a) Comment on the rights of patent holder and co-owners. **07**
(b) What are the duties of patent holder and co-owners? **07**
- Q.4** (a) Comment on infringement of patent Rights and Offenses. **07**
(b) Describe the methods of protection of plant and plant products. **07**
- OR**
- Q.4** (a) Describe Farmer's Right Act and UPOV Convention 1961. **07**
(b) Discuss Cartagena protocol on bio-safety. **07**
- Q.5** (a) How will you assess the risks associated with the release of GMOs? **07**
(b) Comment on the permits of movement and import of GMOs. **07**
- OR**
- Q.5** (a) What are Good Laboratory Biosafety practices? **07**
(b) Comment on the patent laws in other countries. **07**
