

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI • EXAMINATION – SUMMER 2013****Subject Code: 160406****Date: 31-05-2013****Subject Name: Bioethics, Patents and IPR****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) Explain how bioethical reasoning can assist decision making. **07**
 (b) State your ethical viewpoint on, "Test tube baby". **07**
- Q.2** (a) Justify: Principle of Justice and Non-Malificence prohibits every abortion. **07**
 (b) Elaborate on Trademark citing specific examples. **07**
- OR**
- (b) Discuss copyrights. **07**
- Q.3** (a) Describe patents in detail. **07**
 (b) Highlight on the various criteria for publication/presentation. **07**
- OR**
- Q.3** (a) Give the significances of Intellectual Property Rights. **07**
 (b) Discuss Trade Secrets. **07**
- Q.4** (a) Elaborate on TRIPS. **07**
 (b) Discuss significance of patent search. **07**
- OR**
- Q.4** (a) Elaborate on MPPP. **07**
 (b) Describe various types of patent search. **07**
- Q.5** (a) State the Application of the Principle of Justice. **07**
 (b) Discuss the essential bioethical considerations for the use of genetically modified foods and crops **07**
- OR**
- Q.5** (a) Elaborate on the prospectus of stem cell research in medicine and its ethical implications. **07**
 (b) State the different socio-economic issues arising due to Euthanasia. **07**
