

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- VIth SEMESTER-EXAMINATION – MAY- 2012

Subject code: 160406

Date: 22/05/2012

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) Comment on the Significance of Bioethics **07**
(b) Discuss briefly on any one issue concerning Health and Biomedical innovations. **07**
- Q.2** (a) What is Euthasia? State its various types and bioethical issues arising from it. **07**
(b) State the application of the principle of Justice **07**
OR
(b) State the application of the principle of Non-Malificence **07**
- Q.3** (a) Based on Bioethical considerations write your suggestions whether Artificial Insemination is encouraged or not? **07**
(b) What do you understand by various patent laws? Explain in detail **07**
OR
- Q.3** (a) Write a brief note on the following: **07**
The Principle of Respect for Autonomy
The Principle of Beneficence.
(b) Describe in detail farmers right protection under TRIPS agreement. **07**
- Q.4** (a) Write a note on PBRs in by considering IPR. **07**
(b) Explain inventions not patentable. **07**
OR
- Q.4** (a) Explain various steps for filling of patent application. **07**
(b) What are the significances of IPR? **07**
- Q.5** (a) Write a note on TRIPS agreement. **07**
(b) Write the role of IPR in food safety by considering need of poor. **07**
OR
- Q.5** (a) Write a note on minimum provision for IPR protection under WTO and the Indian patent laws. **07**
(b) Define the following terms with brief explanation **07**
Trade secret
GI
WHO
TRIPS
