Seat No.:	Enrolment No.

## GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION – SUMMER • 2014

	•	t Code: 160406 Date: 30-05-2014	
Tiı	_	t Name: Bioethics, Patents and IPR 10:30 am - 01:00 pm Total Marks: 70	
IIIS	1 2	<ul><li>Attempt all questions.</li><li>Make suitable assumptions wherever necessary.</li><li>Figures to the right indicate full marks.</li></ul>	
Q.1	(a) (b)		07 07
Q.2	(a) (b)	Justify: "Modern biotechnology has been hailed as a miracle to solve problems". Elaborate on TRIPS.	07 07
	(~)	OR	
	<b>(b)</b>	Justify: "Intellectual property rights are strategic".	07
Q.3	(a)	Genetic testing and counseling results in different socio-economic issues. Explain such issues.	07
	<b>(b)</b>	Define Xeno-transplantation. Explain various ethical issues related to it.  OR	07
Q.3	(a)	Explain Euthanasia and state your logical conclusions for its societal acceptance.	07
	<b>(b)</b>	State the Application of the Principle of Beneficence.	07
Q.4	(a) (b)		07 07
Q.4	(a) (b)		07 07
Q.5	(a)	Explain in brief: 1. Principlism 2. Bioethics	07
	<b>(b)</b>	Discuss the essential bioethical considerations for the use of genetically modified foods and crops.	07
0.5	(.)	OR	0.5
Q.5	(a)	donations.	07
	<b>(b)</b>	State the inevitability of Biosafety in biotechnology emphasizing on its legal and socio-economic impacts.	07

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