Seat No.: Er	rolment No
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **BE - SEMESTER-VI • EXAMINATION - SUMMER • 2015**

<b>U</b>			Date:18/05/2015	
Ti	me: 1 tructi 1 2	t Name: Bioethics, Patents and IPR  10.30AM-01.00PM Total Marks:  ions:  1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	70	
Q.1	` '	Write a detail account on various IPRs.  Narrate your ethical viewpoint on stem cell research in medical sciences.	07 07	
Q.2	` ′	Elucidate on the following: 1) Bioethics 2) Principlism. Explain Geographical Indications with suitable example.  OR	07 07	
	<b>(b)</b>	Narrate the different stages of patent search.	07	
Q.3		Discuss copyrights with suitable examples.  Define the following terms: 1) Trade Secret  OR  2) Prior art.	07 07	
Q.3		Schematically represent flow chart for organization of patent office in India. Give the full form of the following: 1) WIPO 2) GATT 3) TRIPS	07 07	
Q.4		Explain the procedure for publication.  How the Anglo – American tradition can assist medical decision making.  OR	07 07	
Q.4		Highlight on the Farmers' Protection Right. Which are the ethical implications driven by Human Genome project?	07 07	
Q.5	(a) (b)	Elaborate on the major principles that are central to bioethical reasoning. Justify your views whether surrogacy offends certain basic moral principles or it is merely just a argument against it?	07 07	
Q.5	(a)	<b>OR</b> Discuss the essential bioethical considerations for the use of genetically modified foods and crops.	07	
	<b>(b)</b>	Explain why the principle of justice and non-malificence prohibit every abortion?	07	

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