GUJARAT TECHNOLOGICAL UNIVERSITY ME SEMESTER - IV(NEW) EXAMINATION - SUMMER - 2017

Subject Code: 2743103 Subject Name: MEDICAL ETHICS AND STANDARDS Time:02:30 pm to 05:00 pm **Total Marks: 70**

Date:03/05/2017

- **Instructions:**
 - 1. Attempt all questions.
 - 2. Make suitable assumptions wherever necessary.
 - 3. Figures to the right indicate full marks.
- (a) Give the definition of Ethics and Medical Ethics. Discuss the scope of ethics in Q.1 07 health care industry.
 - (b) How Biomedical engineer can help in planning and implementation of medical 07 ethics?
- (a) Present your views for Principles of NonMaleficence, malfecence and 07 Q.2 Beneficence.
 - (b) How you will be helpful in the ethical practice of health care industry. 07 OR
 - (b) How you will be helpful in the ethical practice of medical waste management. 07
- **Q.3** (a) Write a technical note on "American Medical Association code of ethics". 07
 - (b) What do you understand by the term "Accreditation"? Describe the JCI 07 Accreditation & its Policies in brief.

OR

Q.3	(a)	Write a technical note on "Canadian Medical Association code of ethics".	07
	(b)	Write a technical note on IEC 60601 standards for EMC radiation protection.	07
Q.4	(a)	Present your views for Theories of Deontology and Utilitarianism.	07
	(b)	Give the mechanism for Protecting the Hospital From Fire, Smoke and Heat. OR	07
Q.4	(a)	Present your views for Casuist theory and Virtue theory.	07
	(b)	Give the mechanism for Providing and Maintaining Fire Alarm Systems. Write a technical note on IEC 60601 standards for Base Standard in general requirement of electrical medical devices.	07
Q.5	(a)	Give the mechanism for Testing, Maintaining, and Inspecting Medical Equipment.	07
	(b)	Give the mechanism for Managing Hazardous Material and Waste Management in health care industry.	07
		OR	
Q.5	(a)	Enlist and explain in brief the Bioethical issues in Human Genetics & Reproductive Medicine	07
	(b)	Enlist and explain in brief the Ethical Issues in biomedical research.	07
