

GUJARAT TECHNOLOGICAL UNIVERSITY
BE- SEMESTER-IV (NEW) EXAMINATION – WINTER 2020

Subject Code:3143510**Date:17/02/2021****Subject Name:Environmental Management-II****Time:02:30 PM TO 04:30 PM****Total Marks:56****Instructions:**

1. Attempt any **FOUR** questions out of **EIGHT** questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		MARKS
Q.1	(a) Define Rad, Roentgen and Curie.	03
	(b) Describe goal in LCA.	04
	(c) Explain effect of radiation	07
Q.2	(a) Brief Radiation.	03
	(b) What is Remote sensing	04
	(c) Explain Radioactive Isotopes.	07
Q.3	(a) Define Remote sensing, GIS and CEPI	03
	(b) Discuss Categories of Industries	04
	(c) How Radiation can be controlled?	07
Q.4	(a) Discuss scope of LCA	03
	(b) Describe Remote sensing.	04
	(c) Explain Application of GIS	07
Q.5	(a) Brief Beta Particles.	03
	(b) Describe Fusion.	04
	(c) Explain Methodologies of LCA.	07
Q.6	(a) Brief alpha particles.	03
	(b) Discuss framework of institutional policy.	04
	(c) Explain applications of Remote sensing	07
Q.7	(a) Discuss need for Cleaner Technology	03
	(b) Brief Vector format.	04
	(c) How GIS can be measured	07
Q.8	(a) Define Risk, Hazard and Risk Assessment	03
	(b) Brief Raster format.	04
	(c) Explain in detail Emergency Response Plan.	07
