Seat No.:	Enrolment No.
Scat 110	Lindingit 110.

GUJARAT TECHNOLOGICAL UNIVERSITY

Subject Code: 2711803

ME - SEMESTER-I(New course) • EXAMINATION - WINTER- 2015

Date: 01/01/2016

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•	e:2:3	1	Marks:
IIIsti u	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Explain the following (i) Manifest (ii) TREM Card (iii) Transboundry movement	07
	(b)	(iv) Authorization	07
Q.2	(a)	Enlist the responsibilities & duties of hazardous waste generator and operator of facility as given in hazardous waste rules.	l 07
	(b)	solid waste?	f 07
	(b)	OR Give the difference between Hazardous Solid Waste, Municipal Solid waste and Biomedical Waste.	1 07
Q.3	(a) (b)		07 1 07
Q.3	(a)	What is the need for transfer operation? Also explain the functions of	f 07
	(b)	transfer station. Explain Hauled container system with neat sketch.	07
Q.4	(a) (b)		07 2 07
Q.4	(a)	Enlist the parameters for Proximate of solid wastes. Explain any two	07
	(b)	in detail. What is Syngas?. Explain main reactions taking place during gasification.	g 07
Q.5	(a)	(i) Cell (ii) Daily Cover (iii) Lift (iv) Intermediate Cover (v) Bench	07
	(b)	recovery technology.	v 07
Q.5	(a)	OR What is the use of density separation in solid waste? Explain any one	e 07
-	(b)	equipment for it.	
