Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VII EXAMINATION – WINTER 2015

Subject Code: 172203		Date:09/12/2015	
Ti	me: 1 tructio	Attempt all questions. Make suitable assumptions wherever necessary.	Total Marks: 70
Q.1	(a) (b)	What is the importance of environment management of mine? How is active treatment of Acid Mine Drainage done?	07 07
Q.2	(a) (b)	How restoration planning is carried out after mine closure? What are the environmental impacts of mine during full operation. OR	on? 07
	(b)	Explain the rock and mill tailage.	07
Q.3	(a) (b)	What are the potential environmental impact of mill tailing disp. What is acid mine drainage? Why is an hazard? OR	oosal? 07
Q.3	(a) (b)	How ecological restoration of mine is carried out? What parameters are to be considered for site selection of waste	e disposal?
Q.4	(a) (b)	How is post mining land use planned? What are the socio-economic impact of mine closure? OR	07 07
Q.4	(a) (b)	What are the objectives of mine closure? How is EIA done in mine?	07 07
Q.5		Write short note on any two: 1. Environment monitoring in mine. 2. Salient features of environment protection act. 3. Closure of mine entries. 4. Post mining land use.	14
