Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII EXAMINATION - SUMMER 2016

		DE - SEMESTER-VII EARWINATION - SUMMER 2010		
Subject Code:172203		Code:172203 Date:10/05/201	Date:10/05/2016	
Su	bject	Name:Environment Management in Mine		
	•	2:30 PM to 05:00 PM Total Marks:	70	
	tructio			
	1.	Attempt all questions.		
		Make suitable assumptions wherever necessary.		
	3.	Figures to the right indicate full marks.		
Q.1	(a)	Explain step by step the selection procedure for the site for the disposal of mill tailing.	0'	
	(b)	What is Acid mine drainage? Explain active methods of its treatment.	0'	
Q.2	(a)	Explain step by step how you will proceed for the preparation of environment management plan for a proposed mining project.	0'	
	(b)	What are the various post mining land uses? Comment on their suitability. OR	0'	
	(b)	Explain in detail the impacts of mine closure.	0'	
Q.3	(a)	Write a note on restoration techniques of mining.	0′	
	(b)	What is sustainable development and how this approach is applicable in mining projects.	0′	
		OR		
Q.3	(a) (b)	Why ecological restoration of mining is important? How is it planned? Discuss briefly environment impact assessment (EIA) study.	0'. 0'.	
Q.4	(a)	What is noise? Explain noise control measures.	0′	
	(b)	Explain the procedure for getting environment clearance for mining project. OR	0'	
Q.4	(a)	Brief the environment effects of mining operation.	0'	
	(b)	What are the potential environmental impacts of waste rock	0'	
Q.5	(a)	Write short note on air pollution.	0'	
	(b)	Explain the technology used for acid mine drainage for wetlands. OR	0'	
Q.5	(a)	Discuss environment monitoring and management.	0'	
	(b)	What are the different stages of mining and its environmental effects?	0'	
