Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

Su	ıbjec	et Code: 172203 Date: 04/05/20)17
Ti	-	t Name: Environment Management in Mine 02:30 PM to 05:00 PM Total Marks: ions:	70
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Describe all the functions of environmental management in mines. Explain the various environmental impacts of mines during its life.	07 07
Q.2	(a) (b)	Explain the process for getting environmental clearance for mining project. Write a short note on active treatment of acid mine drainage. OR	07 07
	(b)	Write a short note on passive treatment of acid mine drainage.	07
Q.3	(a) (b)	Explain the waste rock and mill tailing disposal. Write a short note on air pollution. OR	07 07
Q.3	(a) (b)	Explain waste rock characterization. Write a short note on the contribution of environmental management and monitoring committee for reducing the impacts of mining project.	07 07
Q.4	(a) (b)	Explain the ecological restoration. What are the steps for restoration planning? OR	07 07
Q.4	(a) (b)	How acid mine drainage is occurred in mines? Explain with chemical formulas. Explain the natural restoration.	07 07
Q.5	(a) (b)	Describe the main features of Environment Protection Act, 1956. Enlist the different socio-economic impacts of mining project.	07 07
Q.5	(a)	OR Write a short note on the following:-	07
		(i) Restoration	
	(b)	(ii) Reclamation Discuss the main features of environment management plan.	07
