Seat No.:	Enrolment No.
Deat 110	

## GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI- EXAMINATION – SUMMER Subject Code:162205		Date:11/05/2016	
Ti	me: 1 tructio 1. 2.	t Name:Mine Surface Environment 10:30 AM to 01:00 PM ons: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	Total Marks: 70
Q.1	(a) (b)	What are the environmental issues pertaining to mining industry Explain the parameters of environment in relation to mining.	7? <b>07 07</b>
Q.2	(a) (b)	How land environment can be affected by mining activity?  Explain the impact of mining on surface water.  OR	07 07
	<b>(b)</b>	What mining activity can be responsible for air pollution?	07
Q.3	(a) (b)	How soil quality degrades in long run by mining activity? Explain the formation of AMD.	07 07
Q.3	(a) (b)	OR How is dust generated and dispersed due to mining? How AMD problem can be reduced?	07 07
Q.4	(a) (b)	How if flora affected by mining? What are the socio-cultural effects of mining industry?  OR	07 07
Q.4	(a) (b)	How noise pollution generated by mining can be reduced? What are the impacts of blasting on local environment?	07 07
Q.5		Write note on: 1. Fly rock. 2. Health impacts of mining.	14
Q.5		Write Note on: 1. Dust monitoring. 2. Economic implications of mining.	14

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