Seat No.:	Enrolment No.
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

BE - SEMESTER-VI • EXAMINATION – SUMMER 2013

Subject Code: 162205 Subject Name: Mine Surface Environment			Date: 30-05-2013	
U	: 10	.30 am - 01.00 pm Total Marks	: 70	
	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.		
Q.1	(a) (b)		07 07	
Q.2	(a)		07	
	(b)	mining? How water pollution can be controlled from mining activities?  OR	07	
	(b)	What is AMC? Which are the AMC generating minerals and what is its impact on environment?	07	
Q.3	(a) (b)	How mining is responsible for dust generation? How can its impact be measured and controlled?	07 07	
Q.3	(a) (b)	OR Write a brief description on effects of mining on flora and fauna? What are the impacts of open cast mining on environment?	07 07	
Q.4	(a) (b)	What are the effects of underground mining on environment? How noise pollution is created by mining? How it affects human beings?  OR	07 07	
Q.4	(a) (b)		07 07	
Q.5		<ol> <li>Write Note on Any 2:-</li> <li>Stabilizing the debris dumps in this mining operation.</li> <li>Anthropogenic changes in ecosystem.</li> <li>Environment aspects of airblast and ground vibrations.</li> <li>Land-use pattern and landscape planning.</li> </ol>	14	

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