	S	Seat No.: Enrolment No.			
		GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-V • EXAMINATION - WINTER • 2014			
		Subject Code:152201	Date: 26-11-2014		
		Subject Name: Mining Machinery II Fime: 10.30 am - 01.00 pm Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	Total Marks: 70		
2.1	(a) (b)	Explain operation, maintenance and choice of loaders. Explain with neat sketch headgear.		07 07	
Q.2	(a) (b)	Describe with neat sketch continues miner. Explain layout of Railway siding of mines. OR		07 07	
	(b)	Describe different types of Shaft fitting in mines.		07	
Q.3	(a) (b)	Write short note on Safety devices. Explain any two methods of Electrical breaking. OR		07 07	
Q.3	(a) (b)	Explain with neat sketch pit-top layout. Describe safety regulation in different type of mines.		07 07	
Q.4	(a) (b)	Describe methods of counter balancing of loads. What do you mean by Drum winding? Explain its merit as	nd demerits.	07 07	
Q.4	(a) (b)	Explain ward Leonard control method in brief.		07 07	
Q.5	(a) (b)	Explain workability of coal cutting equipment. Explain (i) Tippler (ii) creeper. OR		07 07	
Q.5	(a) (b)	Explain working of Rigid and Rope guides.	* 47	07 07	

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