Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII EXAMINATION - SUMMER 2016

	Subject Code:182204		Date:18/05/2016	
	•	ct Name:Mine Safety Engg.		
Time:10:30 AM to 01:00 PM			Total Marks: 70	
In	struct	ions: 1. Attempt all questions.		
		2. Make suitable assumptions wherever necessary.		
		3. Figures to the right indicate full marks.		
2.4	()			_
Q.1	(a)	Describe the role of workmen inspector.)7
	(b)	Describe the function of pit safety committee.	U)7
Q.2	(a)	Write a short note on vocational training centre.	0)7
	(b)	Write a note on job safety analysis.	0	7
		OR		
	(b)	Explain risk analysis with flow chart diagram.	0	7
Q.3	(a)	Describe the safety policy and program in mines.	0)7
	(b)	What is the role and function of Directorate general of Mines Sat	fety (DGMS). 0	7
		OR		
Q.3	(a)	Explain classification of accident in mines.)7
	(b)	What are the causes behind any accident that take place in mines	? 0)7
Q.4	(a)	Write a note on personal protective equipment.	0)7
	(b)	Explain the publicity and propaganda for safety.	0)7
		OR		
Q.4	(a)	Explain appraisal of safety program.)7
	(b)	Elaborate the importance of Safety education and training in min	e safety. 0)7
Q.5	(a)	How do you determine the accident proneness in mining operation	on? 0)7
	(b)	What are the steps being taken to improve the safety in Indian m	ines? 0)7
		OR		
Q.5	(a)	Explain the accident and incidental analysis.)7
	(b)	Explain development of industrial safety in mining operation.	0)7
