GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VIII (OLD) - EXAMINATION – SUMMER 2017Subject Code:182204Date:09/05/2017Subject Name: Mine Safety Engg.Date:09/05/2017Time:10:30 AM to 01:00 PMTotal Marks: 70Instructions:1. Attempt all questions.1. Attempt all questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.2	(a) (b)	Describe Vocational Training Centre. Describe assessment and evaluation of training schemes. OR	07 07
	(b)	Write note on Appraisal of trainees.	07
Q.3	(a) (b)	Explain Safety Policy and program in mines. Describe classification of accidents in mining. OR	07 07
Q.3	(a) (b)	What are the steps taken to improve safety in Indian mines? Explain it. Describe the role of Workman Inspector.	07 07
Q.4	(a) (b)	Explain the role of Safety Officer in mines. Describe function of Pit Safety Committee. OR	07 07
Q.4	(a) (b)	Describe Job Safety Analysis. Write note on discussion and motivation of workers.	07 07
Q.5	(a)	Explain occupational health hazard and environment factors affecting safety in mining.	07
	(b)	Describe Accident and Incident analysis. OR	07
Q.5		Write note on Mine Vocational Training records and reports.	07 07

(b) Explain the role of Directorate General of Mines and Safety (DGMS). 07
