GUJARAT TECHNOLOGICAL UNIVERSITY

GUJARAT TECHNOLOGICAL UNIVERSITY				
BE - SEMESTER-VIII (old) - EXAMINATION - SUMMER 2017				
Subject Code:182201 Date:04/0			17	
Subject Name: Mine & Mineral Economics				
Time:10:30 AM to 01:00 PM Total Mark			s: 70	
Instructions: 1. Attempt all questions.				
		Make suitable assumptions wherever necessary.		
	3.	. Figures to the right indicate full marks.		
Q.1	(a)	Explain National Mineral Policy in brief.	07	
Q.1	(b)	Describe the economic importance of mineral industries.	07 07	
Q.2	(a)	Explain Royalty, Taxes and Duties in detail.	07	
	(b)	Write note on Import and Export.	07	
	(b)	OR Describe conservation of minerals with their limitation.	07	
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Q.3	(a)	Describe Mineral Information System.	07	
	(b)	Explain ore classification in brief. OR	07	
Q.3	(a)	Describe loss of mineral with their classification.	07	
	(b)	Write note on Dilution and Recovery.	07	
Q.4	(a)	Describe different factors affected to operating cost.	07	
2.1	(b)	Write note on budget and budgetary control.	07	
		OR		
Q.4	(a)	Explain methods of estimating future costs.	07	
	(b)	What is Sampling? Describe their importance and write different precautions taken for sampling.	07	
Q.5	(a)	Give the classification of sampling methods. Explain all in short.	07	
	(b)	Explain estimation of ore reserves with procedure of sampling taken in detail. OR	07	
Q.5	(a)	Write different methods of mine ventilation and also add their application.	07	
	(b)	Describe life of mi ne and its present value.	07	
