Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **BE - SEMESTER-VIII EXAMINATION - WINTER 2015**

Subject Code:182207 Subject Name: Geological Exploration of Mineral Deposit			Date:12/12/2015	
Tir	_	30pm to 5:00pm Total Mark	ks: 70	
11150	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.		
Q.1	(a) (b)	What is exploration? How many kinds of exploration? Describe it. What is aerial photography? Explain its application in identification of Geomorphology, Structures and Lithology	07 07	
Q.2	(a) (b)		07 07	
	<b>(b)</b>		07	
Q.3	(a) (b)	G 1	07 07	
Q3	(a) <b>E</b>	xplain Regional and local guides	05	
	<b>(b)</b>	What is seismic method? List out the instruments used in it and its application In oil exploration	07 07	
Q.4	(a)	Describe the electrical method used in geophysical exploration. Explain resistivity surveying.	07	
	<b>(b)</b>	Write short note on bottoming. OR	07	
Q.4	(a) (b)	What are the general principles of geochemical prospecting?	07 07	
Q.5	(a)	Describe Interpretative characteristics of Aerial photographs and their application in identification Geomorphology.	07 of	
	<b>(b)</b>		07	
Q.5	(a) (b)		07 07	

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