Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-III EXAMINATION – SUMMER 2016

Subject Code:132203		t Code:132203 Date:04/06/203	Date:04/06/2016	
Tiı	me:1 tructio	Attempt all questions.Make suitable assumptions wherever necessary.	70	
Q.1	(a) (b)	Define the term Geology and write their different uses. Explain earth science and write their branches.	07 07	
Q.2	(a) (b)	Describe origin of the earth in detail. Explain internal structure of the earth. OR	07 07	
	(b)	Describe plate tectonics and also write their application.	07	
Q.3	(a) (b)	Explain different geological work of River, Glacier and Wind. Describe different physical properties of Mineral. OR	07 07	
Q.3	(a) (b)	Explain different geological work of Sea and Ground Water. Write different physical properties of Quartz, Feldspar and Mica.	07 07	
Q.4	(a) (b)	Define the term: Fold and Fault. Describe various parts of Fold. Write note on Unconformity.	07 07	
Q.4	(a) (b)	OR Explain different principles of Stratigraphy. Write note on Geological maps and cross section.	07 07	
Q.5	(a) (b)	Define Remote Sensing. Explain different elements of Remote Sensing. What is Drilling? Give the classification of drilling and write advantages problems and limitation of drilling method. OR	07 07	
Q.5	(a) (b)	Write note on Dharwar and Vindhyan Super group. Describe pitting and trenching.	07 07	
