GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER- IV(NEW) EXAMINATION – SUMMER 2015

Subject Code:2142203 Date:03/00 Subject Name: Geology-II			/2015	
Tir	Time: 10:30am-1.00pm Total Marks		70	
		Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1		What are igneous rocks? Give Tubular classification of igneous rocks. Describe various types of textures and structures development the role of metamorphic process.	07 07	
Q.2		What are the different forms of igneous rocks? What are sedimentary rocks? Give an account of their formation textures and structure of illustrating answer the sketch. OR	07 07	
	(b)	Give the definition of earthquake. Describe about volcano and their type.	07	
Q.3	(a) (b)	What is jointing in rocks? Explain different types of joints. How are metamorphic rock formed? What are different types of metamorphic facies and grades?	07 07	
		OR		
Q.3	(a) (b)	What do you understand by terms and structures of rocks? Write a note on volcanic products and the pacific ring of fine.	07 07	
Q.4	(a) (b)	What is tunnel? Classification of tunnel. Write a short note on Volcano.	07 07	
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Q.4	(a)	Give the detail on geological investigation at Dam preventive measure of lands slides.		
	(b)	Write short note on pegmatite.	07	
Q.5	(a)	 Write a short note (any two). (1) Seismic zones of India (2) Deccan traps (3) Jurassic of Kutch (4) Structure of sedimentary rocks (5) Litho logic origin of Indo-genetic planes 	14	
