1105

B.TECH. IN CIVIL ENGINEERING (BTCLEVI)

Term-End Examination

June, 2012

Time: 3 Hours Maximum M			Maximum Marks : 70
Note: Answer any seven questions. All questions carry equal marks.			
1.	Exp eart	lain briefly the internal cor h.	nstitution of the 10
2.		Vrite a brief note on the Engineering problems of Marine erosion and Deposition.	
3.	Define the term "Metamorphism" as applied to rocks. What are the agents of Metamorphism, Also briefly explain how do they play their role?		Metamorphism,
4.	(a)	Discuss the process of form in nature.	ation of minerals
	(b)	Which group of minerals in occurrence? List out in	

Briefly mention salient features and properties of 5. 10 the following groups of minerals. Pyroxene Group (a) Felspar Group (b) What are the causes and effects of earthquakes? 6. 10 Also Explain at least 2 major Indian earthquakes and their possible mode of origin. What is stratigraphy? Briefly Explain the 7. 10 principles of stratigraphic correlation. 8. Explain briefly the role of Geological conditions 10 that influence the design, cost and stability of a Traffic Tunnel. 9. the most important Geological 10 characteristics that have to be known for location of different types of Dams. 10. Write short notes on any two of the following: 10 Sheet Structure (a) (b) Volcanic Mountains

(c)

River meandering