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**B. Tech. 6th Semester (Civil Engineering)**

**Examination, May-2013**

**ENGINEERING GEOLOGY**

**Paper-CE-312-F**

**Time allowed : 3 hours]**

**[Maximum marks : 100**

**Note : Attempt any five questions out of eight.**

1. Explain definition, objective, scope and sub division of Geology. 20
2. Explain in detail the importance of Geology in civil engg. projects. 20
3. Explain classification of important rock forming minerals with suitable examples. 20
4. Explain objectives, aims and principles of stratigraphy and also explain origin of igneous. 20
5. (a) Describe DIP and Strike. 10  
(b) Describe Bedding Plane and out crops. 10
6. Explain Remote sensing techniques for Geological and hydrological survey with suitable examples. 20



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7. (a) Describe in detail design of dams. 10  
(b) Describe in detail design of Tunnels. 10
8. Write short notes on following :  
(a) Geological reports. 10  
(b) Springs and Artesian Well. 10

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