

Reg. No. :

Question Paper Code : 27090

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2015.

Third Semester

Civil Engineering

CE 6301 — ENGINEERING GEOLOGY

(Regulations 2013)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Mention the thickness of Earth's crust.
2. How are rocks classified according to the scale of weathering?
3. Name the varieties of mica.
4. List the uses of Calcite.
5. Compare the strength of Schist and Quartzite.
6. Why is attrition test carried out on rock samples?
7. Differentiate between True Dip and Apparent Dip of rock formations.
8. What is meant by Wenner Configuration?
9. What is meant by the term "overlap" in remote sensing?
10. List the causative factors of landslides.