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Question Paper Code: 20321 B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2022. Third/Fifth Semester Civil Engineering CE 8392 — ENGINEERING GEOLOGY
Third/Fifth Semester Civil Engineering
Civil Engineering
CE 8392 — ENGINEERING GEOLOGY
(Common to Environmental Engineering)
(Regulations 2017)
Time: Three hours Maximum: 100 marks
Answer ALL questions.
PART A — $(10 \times 2 = 20 \text{ marks})$
1. Write about the scale of weathering.
2. List the seismic zones in India.
3. What are the properties of Augite?
 Give the physical properties of Gypsum.
5. Write the engineering properties of Basalt.
6. List the uses of shale.
7. Mention the types of geophysical methods.
8. Define fault and fold.
9. Write the application of remote sensing in Civil Engineering.
10. Write any two geological conditions for the construction of Tunnels.
PART B — $(5 \times 13 = 65 \text{ marks})$
 (a) Explain in detail about the structure and composition of the earth with neat sketch.
Or
(b) Describe the plate tectonics with neat sketch.

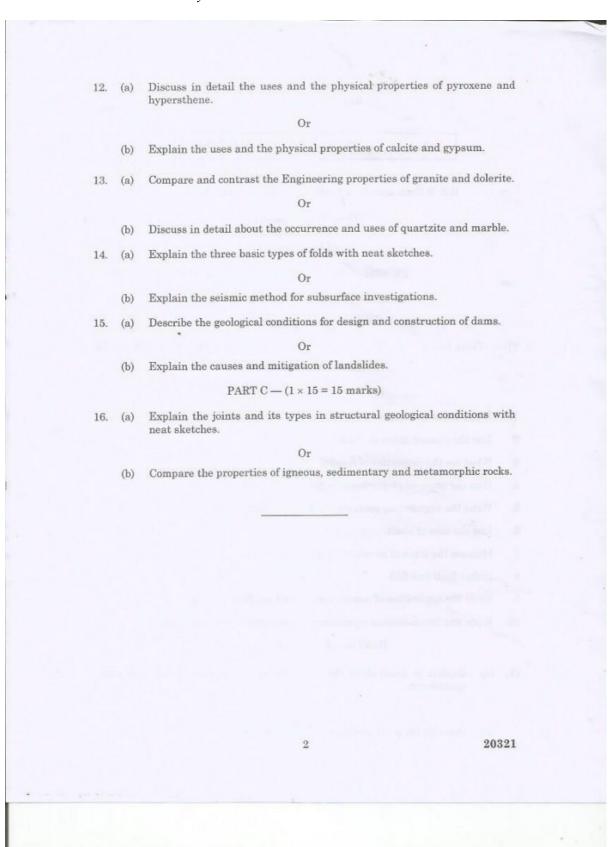
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