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Reg. No.:
Question Paper Code: 20325
B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2022.
Fourth Semester
Civil Engineering
CE 8401 — CONSTRUCTION TECHNIQUES AND PRACTICES
(Regulations 2017)
Time: Three hours Maximum: 100 marks
Answer ALL questions.
PART A — $(10 \times 2 = 20 \text{ marks})$
1. List the characteristics of natural buildings.
2. State the Seismic effects on structures.
3. Write short notes on construction joints.
4. Define scaffolding.
5. List the functions of sheet piles.
6. Classify various methods to dewater deep excavations.
7. Explain the term launching Girders.
8. List the special forms of shell structures.
9. State the factors influencing compaction.
10. Define Dredging.
PART B — $(5 \times 13 = 65 \text{ marks})$
11. (a) Explain structural system and its types in detail.
Or
(b) Discuss different green building materials in detail.

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