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BOARD DIPLOMA EXAMINATION, (C-14)

MARCH/APRIL—2021

DCE - SIXTH SEMESTER EXAMINATION

CONSTRUCTION TECHNOLOGY AND VALUATION

Time : 3 hours]

[Total Marks : 80

PART—A

4×5=20

- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **four** marks.
(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. State the ingredients of concrete.
2. What is grade of concrete?
3. Define workability of concrete.
4. Write a short note on prestressed concrete.
- * 5. State the objectives of formwork.
6. List the excavating equipment used in construction works.
7. Write a short note on sunshades.
8. Define magnitude of earthquake.
9. State the purpose of valuation.
10. Define market value.

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PART—B

15×4=60

- Instructions :** (1) Answer *any four* questions.
(2) Each question carries **fifteen** marks.
(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Differentiate plain cement concrete with RCC.
12. Explain self-compacting concrete.
13. Write the advantages and disadvantages of prestressed concrete.
14. Differentiate steel formwork with timber formwork.
15. Write the role of site supervisor in civil construction project.
16. Explain about air conditioning.
17. Explain the seismic zoning in India.
18. What is depreciation? Explain any two methods of depreciation to estimate the depreciation of a property.

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