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C16-C-405

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BOARD DIPLOMA EXAMINATION, (C-16)

MAY/JUNE—2023

DCE - FOURTH SEMESTER EXAMINATION

CONSTRUCTION PRACTICE

Time : 3 Hours]

[Total Marks : 80

PART—A

3×10=30

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

1. List the causes of dampness at basement level.
2. State the loads to be considered in design of foundation.
3. Define the terms (a) course and (b) stretcher.
4. Define the terms (a) canopy and (b) portico.
- * 5. State the classification of roofs.
6. List the requirements of good floor.
7. State the purpose of scaffolding.
8. Define termite proofing.
9. List the types of pointing.
10. Define energy management of buildings.

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PART—B

10×5=50

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

11. Explain the functions of the components of a building.
12. Describe the following with line diagrams :
 - (a) Spread footings
 - (b) Raft foundation
13. State the general principles to be observed in stone masonry construction.
14. Explain different types of lintels.
15. Explain method of construction of cement concrete flooring.
16. State the advantages and disadvantages of tubular scaffolding.
17. Explain the method of cement plastering on masonry walls.
18. Explain energy surveying and audit report.

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