



c16-c-405

6428

BOARD DIPLOMA EXAMINATION, (C-16)

JANUARY/FEBRUARY—2022

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. State the classification of building as per N. B. C.
2. State any three causes of dampness at basement level in a building.
3. Define (a) frog (b) course and (c) lap with respect to bricks.
4. State any three advantages of steel windows over other windows.
5. Define in terms (a) hip (b) ridge and (c) valley.
6. Briefly explain any three requirements of good floor.
7. List any six types of scaffolds.
- * 8. What is plastering? State any four objectives of plastering.
9. How do you prepare the surface for distempering?
10. Define the term energy management in building.

*

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. Draw a neat sketch of well foundation and explain the method of construction.
12. (a) State any five methods of soil exploration.
(b) Explain the method of soil exploration by Auger boring.
13. State the general principle to be observed during stone masonry construction.
14. List out the common types and special types of doors and explain about any two types of doors.
15. Describe the method of construction of cement concrete flooring.
16. Draw the formwork arrangement for slab and beam and name the prominent points.
17. What is termite proofing? Explain the method of anti termite treatment for the soil before constructing a building.
18. Explain the aim of energy management in building.

★ ★ ★

*

*