



C14-C-306

4230

BOARD DIPLOMA EXAMINATION, (C-14)

MARCH/APRIL—2021

DCE - THIRD SEMESTER EXAMINATION

CONSTRUCTION PRACTICE

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 classification of buildings as per NBC.
2. Differentiate between bearing piles and friction piles.
3. State six general principles to be observed during brick masonry constructions.
4. List any six types of doors that are commonly used in buildings.
5. List out any four types of roofs.
6. State various types of flooring.
7. State the advantages of steel scaffolding.
8. State the objectives of plastering.
9. Define termite proofing.
10. List out solar energy utilities.

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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. (a) Label the components of a building with the help of neat sketch.
(b) Explain any five components of a building with their functions.
12. Briefly explain various causes of dampness in buildings.
13. Explain brick masonry with sketch in English bond of one brick wall and one and half brick wall.
14. Explain (a) rolling shutters and (b) collapsible door.
15. State and explain the requirements of a good floor.
16. Explain with sketch, the arrangements of tubular scaffolding.
17. Explain the method of whitewashing for new and old surfaces.
18. Explain various stages in building construction.

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