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C16-C-405**6428**

BOARD DIPLOMA EXAMINATION, (C-16)
OCTOBER/NOVEMBER—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 any three classifications of buildings as per National Building Code.
2. Briefly explain about spread footings.
3. State the types of bonds in brick masonry.
4. State any three types of ventilators.
5. State any three functions of roofs.
6. State any three requirements of good floor.
7. State any three objectives of form work.
8. State any three purposes of plastering.
9. Define termite proofing.
10. State the aims of 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 briefly any five component parts of building.
12. Explain the component parts of well foundation with the help of neat sketch.
13. State general principles to be observed in construction of brick masonry.
14. Explain any two types of door with neat sketches.
15. Explain the procedure of laying weatherproof course on RCC roof.
16. Explain the advantages of tubular scaffolding.
17. State the steps involved in providing cement plastering on masonry walls.
18. Explain in detail the types of energy audit.

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