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C09-C-406

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BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2021
DCE - FOURTH 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. Write the rules for minimum depth and width of foundation.
2. State the classification of stone masonry.
3. Explain the functions of the sunshades with simple sketches.
4. Write the principles of locating doors in buildings.
5. Mention different types of floorings in buildings.
6. Write the functions of roofs.
7. State the advantages of Steel scaffolding.
8. Write the different types of plastering.
9. State different types of structural failure in RCC frames.
10. Explain various causes of failures in foundations.

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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. Explain components of a building with their functions.
12. Explain about the component parts of well foundation along with a neat sketch.
13. Write general principles to be observed in brick masonry construction.
14. List the common types of window and explain glazed window with neat sketches.
15. Explain method of construction of tiled flooring.
16. Explain about the dog-legged staircase with neat sketch.
17. Explain powder coating and Spry coating.
18. What are the various types of Timbers available in Andhra Pradesh?

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