



c09-c-406

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BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2016
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 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. State the principles of locating doors in buildings.
5. List different types of floorings in buildings.
6. State the common and decorative ceilings used in construction.
7. State the objectives of formwork.
8. State the objects of pointing.

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9. State the different types of cracks in buildings.
10. List different types of failures in a structures and give one example for each.

PART—B

10×5=50

- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **ten** marks.
(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.
11. What are under-reamed piles? Explain briefly the construction of under-reamed piles with the help of neat sketch.
12. (a) Show the component parts of a building with the help of a neat sketch.
(b) Explain briefly the Auger method of soil investigation.
13. Explain briefly about the pre-cast concrete solid blocks and hollow blocks.
14. Explain the three types of ventilators and their uses with neat sketches.
15. List the types of steel truss.
16. Explain about the following stairs with neat sketch :
(a) Dog legged
(b) Straight stair
17. Explain briefly the method of distempering the brick masonry wall.
18. Explain briefly about various annual and special maintenance works in buildings.
