



c09-c-406

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BOARD DIPLOMA EXAMINATION, (C-09)
APRIL/MAY—2015
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 any *three* causes of dampness at basement level in a building.
2. What do you mean by ashlar masonry?
3. Write any three functions of canopy in buildings.
4. Define (a) mullion, (b) holdfast and (c) rebate.
5. State the common and decorative ceilings used in construction.
6. State the functions of roofs.
7. State the advantages of tubular scaffolding.
8. State the types of pointing.
9. Write any three remedies for cracks in brick walls.
10. State various special maintenance works in 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 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.** Explain the classification of buildings as per NBC with examples.
- 13.** State the general principles to be observed in stone masonry construction.
- 14.** Briefly explain the considerations to be taken into account before deciding the size of doors and windows and mention the principles to be followed for location of doors, windows and ventilators in buildings.
- 15.** Explain the method of construction of marble flooring.
- 16.** Explain about the open well stair with neat sketch.
- 17.** Explain briefly about the following :
- (a) Sand faced finish
- (b) Pebble dash finish
- 18.** State the causes and remedial measures of leakages of roofs and joints.
