



c09-c-406

**3427**

**BOARD DIPLOMA EXAMINATION, (C-09)**  
**MARCH/APRIL—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. What is ultimate bearing capacity of soil?
2. Define the following terms :
  - (a) Header
  - (b) Stretcher
  - (c) Bond
3. State any three principles for location of windows in building.
4. Write a short note on canopy.
5. State the common and decorative ceilings used in construction.

6. State the <sup>\*</sup>classification of roofs.
7. State any three requirements of formwork.
8. Define termite proofing.
9. State the different types of non-structural failures in plastering.
10. Write any three remedies for cracks in brick walls.

**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. Write about the prevention of dampness at base level.
12. Explain the component parts of well foundation along with a neat sketch.
13. State any ten general principles to be observed in stone masonry construction.
14. Explain the revolving doors with neat sketch.
15. (a) Explain the method of construction of tiled flooring.  
(b) Explain the method of construction of mosaic flooring.
16. Explain the spiral stair with neat sketch.
17. (a) Write any four objects of plastering.  
(b) Write the procedure for cement plastering on masonry walls.
18. Explain briefly the various annual and special maintenance works in buildings.

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