



c09-c-406

**3427**

**BOARD DIPLOMA EXAMINATION, (C-09)**  
**OCT/NOV—2013**  
**DCE—FOURTH SEMESTER EXAMINATION**  
**CONSTRUCTION PRACTICE**

*Time : 3 hours ]*

*[ Total Marks : 80*

---

**PART—A**

**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 the six components of a building.
2. Write short notes on the coarsed rubble masonry.
3. Write short notes on canopy.
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. What are the advantages of steel formwork over timber formwork?

\*

8. State the paints suitable for steelwork.
9. State the different types of non-structural failures in plastering.
10. State various annual maintenance works in buildings.

**PART—B**

**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. (a) Describe raft foundation with neat sketch.  
(b) Explain briefly the bearing pile foundation with neat sketch.
12. Explain the causes and effect of dampness at basement level.
13. Explain briefly about the pre-cast concrete solid blocks and hollow blocks.
14. List the common types of windows and explain about glazed window with neat sketch.
15. List the types of steel truss and explain about North light roof truss with a neat sketch.
16. Explain about the helical stair with neat sketch.
17. (a) Write any four objects of plastering.  
(b) Write the procedure for cement plastering on masonry walls.
18. State the different types of structural failures and the remedies in foundations.

\*\*\*