



c09-c-406

**3427**

**BOARD DIPLOMA EXAMINATION, (C-09)**  
**OCT/NOV—2014**  
**DCE—FOURTH SEMESTER EXAMINATION**  
**CONSTRUCTION PRACTICE**

*Time : 3 hours ]*

*[ Total Marks : 80*

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**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 safe bearing capacity of soil?
2. State the classification of stone masonries.
3. State the principles of locating doors in buildings.
4. Explain the functions of sunshade and lintel.
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 objects of pointing.
9. State different types of structural failure in RCC frames.
10. State different types of nonstructural failure in flooring.

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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.** Explain the method of construction of under-reamed piles with the help of a neat diagram.
- 12.** Explain the causes and effect of dampness at basement level.
- 13.** Draw the sketches of English bond of one-brick wall and explain it briefly.
- 14.** List the common types of window and explain glazed window with neat sketches.
- 15.** Explain the method of construction of Cuddapah slab flooring.
- 16.** Explain the open-well staircase with a neat sketch.
- 17.** Explain briefly about the following :
- (a) Sand-faced finish
- (b) Pebble-dash finish

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- 18.** Explain various annual and special maintenance works in buildings briefly.

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