



c09-c-406

**3427**

**BOARD DIPLOMA EXAMINATION, (C-09)  
OCT/NOV—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 the rules for minimum thickness of concrete bed and depth of foundation.
2. Draw the sketch of English bond of one and one and half brick wall.
3. List the different types of fittings and fastenings for doors and windows and explain about hinges.
4. Write any three functions of canopy in buildings.
5. Explain briefly about the weather proof courses on RCC roof.
6. State the classification of roofs.
7. State any three requirements of formwork.
8. State the different types of plastering.
9. State various special maintenance works in buildings.
10. State the causes of leakages roofs and joints.

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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.** (a) Show the component parts of a building with the help of a neat sketch.  
(b) Explain briefly the Auger method of soil investigation.
- 12.** Explain the method of construction of under-reamed piles with the help of neat diagram.
- 13.** (a) Explain precast hollow blocks masonry.  
(b) Draw the sketch of English bond of one brick wall.
- 14.** Explain about the revolving doors with neat sketch.
- 15.** Explain the method of construction of coddaph slab flooring.
- 16.** Explain about the helical stair with neat sketch.
- 17.** Explain briefly about the acoustic plaster.
- 18.** State the different types of structural failures and the remedies in masonry.

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