

**3427**  
**BOARD DIPLOMA EXAMINATION, (C-09)**  
**JUNE - 2019**  
**\* DIPLOMA IN CIVIL ENGINEERING**  
**CONSTRUCTION PRACTICE**  
**FOURTH SEMESTER EXAMINATION**

**Time: 3 Hours**

**Total Marks: 80**

**PART - A (10 x 3 = 30 Marks)**

*Note 1: Answer all questions and each question carries 3 marks*

*2: Answers should be brief and straight to the point and shall not exceed 5 simple sentences*

1. State the rules for minimum thickness of concrete bed and depth of foundation
2. List any three types Ashlar masonry?
3. Write any three functions of the sunshades
4. State the types of ventilators in buildings
5. State the classification of roofs
6. Explain briefly about the weather proof courses on R.C.C roof.
7. What are the advantages of steel formwork over timber formwork ?
8. State the objects of plastering
9. State the different types of cracks in buildings ?
10. State causes of failures in foundations.

**PART - B (5 x 10 = 50 Marks)**

*Note 1: Answer any five questions and each question carries 10 marks*

*2: The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer*

11. Explain the classification of buildings as per NBC with examples
12. Explain about the Component parts of well foundation along with a neat sketch.
13. Write any ten general principles to be observed in stone masonry construction?
- \* 14. Explain about the revolving doors with neat sketch
15. Explain method of construction of tiled flooring?
16. Explain about the following stairs with neat sketch  
a) dog legged b) straight stair
17. Define and explain the method of termite proofing
18. State the different types of structural failures and the remedies in R.C.C frames

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