



C14-C-306

4230

**BOARD DIPLOMA EXAMINATION, (C-14)**  
**SEPTEMBER/OCTOBER - 2020**  
**DCE—THIRD 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) Answer should be brief and straight to the point and shall not exceed *five* simple sentences.

1. List the different methods of soil exploration.
2. State the classification of buildings as per NBC.
3. What is bond in masonry? Why is it essential?
4. What is lintel? Write any two functions of lintel.
5. List out any four types of roofs.
6. State various types of ground floors.
7. State the classification of stairs.

- \* 8. What is pointing? Mention any two types of pointing.
9. Define termite proofing.
10. List out the solar energy utilities.

**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. State any ten components of a building and explain their functions.
12. Draw a neat sketch of well foundation and explain the method of construction.
13. State the general principles to be observed during brick masonry construction.
14. Explain the following types of door :
- (a) Rolling shutters
- (b) Collapsible door
15. Explain the method of providing standard weather proof course for RCC flat roof.
16. Explain with sketch the arrangements of tubular scaffolding.
- \* 17. Explain briefly the method of distempering the brick masonry wall.
18. Explain any two energy audit questionnaires.

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