



C14-C-306

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**4225**

**BOARD DIPLOMA EXAMINATION, (C-14)  
OCTOBER/NOVEMBER-2018  
DCE-THIRD SEMESTER EXAMINATION**

CONSTRUCTION PRACTICE

Time : 3 Hours ]

[ Total Marks: 80

**PART-A**

3X10=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. State any three function of foundation.
2. Define ultimate bearing capacity of soil.
3. Define (a) Course (b) Header (c) Stretcher.
4. List any six functions of roofs.
5. List any six types of decorative ceilings used in construction work.
6. List any six types of decorative ceilings used in construction work.
7. Define (a) Flight (b) Rise.
8. Define termite proofing.
9. State any three objectives of painting.
10. Write about passive concept in cooling of a building.

**PART-B**

10X5=50

**Instructions :**

1. Answer any **Five** questions.
2. Each question carries **ten** marks.
3. Answer should be comprehensive and the criterion for valuation is the content but not the length of the answer

11. Describe the raft foundation with a line diagram.
12. Describe well foundation with a sketch.
13. State any ten general principles to be observed in brick masonry construction.
14. Explain sliding door with a sketch.
15. Explain Queen post truss with a sketch.
16. Explain tubular scaffolding with a sketch.
17. Explain the method of distempering for brick masonry wall.
18. (a) Define Energy management (b) State the aims of energy management of buildings.

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