



c14-c-306

4230

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2016

DCE—THIRD 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. Explain in detail with examples, the classification of buildings as per NSC, 1983.
2. List the different methods of soil exploration.
3. Define the terms (a) Stretcher and (b) Course.
4. State any four advantages of steel windows over other windows.
5. Briefly explain the functions of S roof.
6. State the different weather proof courses on RCC roof.
7. What is scaffold? Mention the different types of scaffolds in common use.
8. Define pointing. Mention any two methods of pointing.

* 9. Define termite proofing.

10. What are the advantages of solar energy?

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. What are the advantages of raft foundation? Briefly explain the method of construction.

12. Describe the method of constructing well foundation with the aid of a sketch.

13. Explain brick masonry with sketch in English bond of one brick wall and one and half brick wall.

14. List out the common types and special types of doors.

15. State and explain the requirements of good floor.

16. Explain with sketch the arrangements of form work for a column.

17. Explain briefly the method of white washing, colour washing and distempering the brick masonry wall.

18. What is meant by energy surveys? Explain the need of energy surveys.
