



c09-c-606C

3727

BOARD DIPLOMA EXAMINATION, (C-09)

OCT/NOV—2016

DCE—SIXTH SEMESTER EXAMINATION

MAINTENANCE OF BUILDINGS

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. Define the word 'maintenance of building'.
2. List any three common defects in buildings.
3. List basic equipment for investigating of defects in buildings.
4. Define the term 'rehabilitation of buildings'.
5. State the uses of heavy earth movers.
6. List causes for dampness.
7. Explain any three remedial measures for cracks as per IS SP-25-1984.

- * 8. What is water seal? Explain with sketch.
9. Explain any three precautions in maintenance of septic tank.
10. Explain briefly about inventory of buildings.

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. Explain various categories of maintenance of buildings.
12. Explain the methods of investigation of defects in buildings.
13. (a) What are the precautions to be taken while using heavy earth moving machines?
- (b) Explain the demolition process of walls and floorings.
14. List different methods of underpinning and explain all the methods.
15. Explain different treatment methods for arresting dampness and leakage.
16. Explain the treatment to timber through termite eradication.
- * 17. Explain about the maintenance of electrical installations.
18. Explain the different methods of carrying out works.
