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BOARD DIPLOMA EXAMINATION, (C-09)

OCT/NOV—2013

DCE—SIXTH SEMESTER EXAMINATION

MAINTENANCE OF BUILDINGS

Time : 3 hours]

[Total Marks : 80

PART—A

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

1. Define 'maintenance of buildings'.
2. List out the causes for deterioration of buildings.
3. State the classification of cracks.
4. State the needs of rehabilitation.
5. State the need for demolition of a building.
6. List any six maintenance problems in a building.
7. List the causes of dampness in buildings.

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8. State the associate problems in water supply and sanitary lines.
9. State the emergency repairs of piping system.
10. State the rules in recording measurement book.

PART—B

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

11. Explain the broad categories of maintenance.
12. Explain the non-destructive tests in investigating buildings.
13. Explain the foundation failures and remedies.
14. Write the safety aspects and precautions in using heavy earth moving machinery during demolition process.
15. Explain the maintenance of floors.
16. State the defects in woodwork and their treatment.
17. Explain the problems and repair in electrical services of a building.
18. Explain the methods of carrying out maintaining works through contract agency.

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