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C09-C-606(C)

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BOARD DIPLOMA EXAMINATION, (C-09)

JUNE—2019

DCE—SIXTH SEMESTER EXAMINATION

MAINTENANCE OF BUILDING

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. What is structural crack and non structural crack?
2. What is (a) preventive maintenance (b) remedial maintenance?
3. Write any three factors affecting the durability of buildings?
4. Define rehabilitation.
5. What are the methods of damp proofing?
6. List out the causes of cracks due to chemical reaction.
7. What are the general remedial measures to prevent the cracks in a structure?
8. List out the common repairs in water supply.
9. What are the defects that may occur in the sanitary layout?
10. What are the methods of carrying out works?

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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 about the classification of maintenance.
12. What are the important causes of occurrence of cracks in buildings?
13. List out the safety aspects in demolition of buildings.
14. Explain the methods of underpinning.
15. Explain the settlement of floors and repairs.
16. (a) What are the methods of damp proofing?
(b) Briefly discuss about DPC for basement and guniting.
17. What are the principles of plumbing?
18. What is measurement book? What are the rules that should be followed in recording M-book?

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