

3727**BOARD DIPLOMA EXAMINATION, (C-09)****MARCH /APRIL-2019****DCE – SIXTH SEMESTER EXAMINATION****MAINTENANCE OF BUILDINGS**

Time: 3Hrs

Max. Marks: 80

PART-A**10x3=30M**

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) Define maintenance of buildings.
- 2) List any three causes of early deterioration.
- 3) What is a) Preventive maintenance b) remedile maintenance?
- 4) Define demolition of buildings.
- 5) State any three needs for demolition of buildings.
- 6) List out the methods of damp proofing.
- 7) Classify the different types of cracks as per SP 25-1984.
- 8) What are the factors to be checked in conduit wiring?
- 9) What are the defects that may occur in the sanitary wiring?
- 10) What is inventory of buildings?

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PART-B

10x5=50M

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- 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) State the factors affecting the durability of buildings.
- 12) Briefly explain about the causes of cracks.
- 13) Discuss about a) Demolition process of trusses
b) Demolition process of walls
- 14) Explain the methods of underpinning?
- 15) Explain about a) Maintenance of marble floor
b) Maintenance of terrazzo floor
- 16) What are the remedial measures for roof leakages?
- 17) What are the factors that should be checked while doing service connection and internal wiring?
- 18) Briefly discuss a) item rate contract b) lump sum contract.

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