

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 What kind of defects arise due to dampness. How they can be repaired.
- Q.4 Explain the investigations you would carry out in dealing with the diagrams of different types of cracks in building.
- Q.5 Discuss various types of defects in exteriors and their remedial measures.
- Q.6 Explain in detail about preventive maintenance considerations.
- Q.7 What is building maintenance. Keeping in view the economic considerations explain its significance and objectives.

(60)

(4)

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6th Sem. / Arch.

Subject : Building Maintenance

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Efflorescence.
b) Depletion.
c) Toothed crack.
d) Insulation.
e) Shrinkage.
f) Terracing.
g) Deformation.
h) Termite.
i) Corrosion.

(1)

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- j) Dampness.
- k) Movement of ground.
- l) Leakage.
- m) Creep.
- n) Horizontal crack.
- o) Concrete.
- p) D.P.C.
- q) Decay.
- r) Deterioration.

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Write short note on 'Maintenance'.
 - ii) What preventive measures can be implied to avoid blistering in buildings?
 - iii) State the reasons for corrosion.

(2) 120263B/030264C

- iv) How leakage in water pipes can be prevented.
- v) Write short on non-structural cracks.
- vi) What kind of defects occur due to settlement?
- vii) What kind of defect develop in wood-work in a building?
- viii) How flooring in a building can be maintained.
- ix) Write short note on repair of horizontal crack.
- x) What is lime gola? Why it is used?
- xi) Write short notes on efflorescence.
- xii) Write significance of insulation.
- xiii) Name various defects which can develop in brickwork.
- xiv) Write short note on concrete fillet.
- xv) How timber can be preserved in a building.

(3) 120263B/030264C