

## **SECTION-C**

**Note:** Long answer type questions. Attempt any three questions.  
 $3 \times 10 = 30$

- Q.3 Which insulation materials can be used for an auditorium/theatre.
- Q.4 Explain various causes of occurrence of cracks in a building.
- Q.5 Which materials can be used for the repair of sanitation and water supply pipes?
- Q.6 How many types of maintenances can be there for a building? Explain
- Q.7 How will you retify a crack if it occurs at the function of wall and roof. Draw sketch for explaining it.

No. of Printed Pages : 4

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120263B/030264C

**6<sup>th</sup> Sem. / Arch. Asstt.**

**Subject : Building Maintenance**

Time : 3 Hrs.

M.M. : 100

## **SECTION-A**

**Note:** Very Short Answer type questions. Attempt any 15 parts.  
 $(15 \times 2 = 30)$

- Q.1 a) Exterior  
b) Function  
c) V.D.P.C.  
d) Cement concrete  
e) Tile Terracing  
f) Skirting  
g) Floor finish  
h) Timber  
i) Water supply

- j) Flush pointing
  - k) Concrete curb/Gota
  - l) Painting
  - m) G.I. sheets
  - n) Soil pipe
  - o) Angle cleat
  - p) Stirrups
  - q) KHARRA
  - r) Mud phuska

## **SECTION-B**

**Note:** Short answer type questions. Attempt any ten parts  $10 \times 4 = 40$

- Q.2 i) What do you understand by diagonal cracks?

ii) Can vegetation cause cracks in masonry how?

iii) What is CAMBER? Why it is provided?

- iv) Differentiate between lean concrete & cement concrete.
  - v) What are the visible symptoms of dampness on a masonry wall.
  - vi) What are the ingredients in 1:1:2 mix.
  - vii) Is there any damp proofing required in sloping roofs? Where it is required.
  - viii) Differentiate between underground storage tank and overhead storage tank.
  - ix) Differentiate between bent pipe and rain water pipe.
  - x) Name any four wall insulation materials.
  - xi) What can be the ill effects of corrosion?
  - xii) Differentiate between pointing and painting.
  - xiii) Why does efflorescence occur on walls?
  - xiv) What is the benefits of ANNUAL maintenance?
  - xv) How will you repair the floor trap?