

S.B. Roll No.....

REPAIR AND MAINTENANCE OF BUILDINGS
6th Exam/Civil/5195/8951/Nov 2016

Duration : 3 Hr

M.Marks:75

SECTION A

Q1 Fill in the blanks :

1.5x10 = 15

- I) The development of one or more fissures in the plaster surface is called -----
- II) The repair work which is carried out once in a year is called -----
- III) The process of filling cracks with concrete gun is known as -----
- IV) The presence of hygroscopic or gravitational moisture in building is called -----
- V) The water proofing of flat roofs is done by applying -----
- VI) Decay of timber can be protected by applying -----
- VII) Sealants are used to fill the-----in a building
- VIII) The eating up of metals by moisture is known as -----
- IX) Anti termites treatment is done by using -----
- X) The white patches on the wall surface is called -----

SECTION B

Q2 Attempt Any Six Questions: -

5x6= 30

- I) What are protective coatings?
- II) What is maintenance and explain its objectives?
- III) How will you rectify a leaking roof?
- IV) How will you carry out termite control in wood work?
- V) Explain the methods for efflorescence removal.
- VI) Write a note on Epoxy Injection Technique.
- VII) Describe compatibility aspects of repairing materials.
- VIII) What are the various methods of curing?

SECTION C

Attempt Any Three Questions: -

3x10 = 30

- Q3 :** Explain birds mouth technique for repairing cavities with merits and demerits.
- Q4 :** Write short note on:
 - a) Repair of damaged plaster surface
 - b) Repair of wooden joinery
- Q5:** Describe various methods of damp proofing.
- Q6:** Explain various defects in buildings and their maintenance .
- Q7:** Write short notes on:
 - a) Prevention of corrosion in reinforcements?
 - b) Grooving and sealing?