

Roll No.

Total No. of Pages : 01

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B. Architecture (Sem.-2)
BUILDING CONSTRUCTION AND MATERIALS-II

Subject Code : BARCH-206-21

M.Code : 91593

Date of Examination : 12-07-22

Time : 3 Hrs.

Max. Marks : 40

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FOUR Questions selecting atleast TWO questions from EACH UNIT.

UNIT-I

1. Explain in detail process of seasoning in timber and also, describe the various uses of timber in buildings. (6)
2. Discuss various types of waterproofing materials along with their specific use. (6)
3. List various types of paints and their properties. Also, write about the applications of these paints. (6)
4. Answer the following :
 - a) Differentiate between hardwood and softwood. (3)
 - b) Describe the process of seasoning of timber. (3)

UNIT-II

5. Draw the plan, elevation, section and details of Braced and Battened Door. (14)
6. State under what conditions the following foundations are adopted and why? (14)
 - a) Raft foundation (5)
 - b) Pile foundation. (5)
 - c) Grillage foundation. (4)
7. Draw an x-section through external wall of a two storey building, showing its various parts from foundation to parapet. (14)
8. Draw details of various types of flat roof constructions. Also highlight insulation strategies for roofs. (14)

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.