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Total No. of Questions : 05

B.Arch. (Sem.-3)
BUILDING CONSTRUCTION & MATERIALS-III
Subject Code : AR-223
Paper ID : [A0915]

Time :4 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. Attempt ONE question from Unit-I and TWO questions from Unit-II.
2. Assume the missing data and mention the same.

UNIT-I

1. Explain in detail the composition and properties of plate glass and foam glass. (20)
2. Explain in detail the manufacturing and qualities of commercial veneers and plywood. (20)

UNIT-II

3. Draw section of double storeyed building through toilet showing details of foundation, flooring, door & windows, lintel, chajja, R.C.C roof, roof terracing and parapet. (25)
4. Explain in detail the method of construction of Terrazzo flooring with all possible construction details. (25)
5. Explain in detail the R.C.C. form work for square column, beam and slab with the help of sketches. (25)