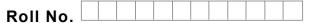


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#### B.Arch. (Sem.-3) BUILDING CONSTRUCTION & MATERIALS-III Subject Code : AR-223 M.Code : 45021

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 if any.

### UNIT-I

- 1. What is the various classification of Glass? What are the various applications of wired glass and glass blocks in buildings? (10,10)
- 2. What are the various types and uses of particle board? Explain the manufacturing process of batten board. (10,10)

## UNIT-II

3. Draw a typical Section through a double storied building through toilet and staircase showing the details of foundation, floor, window, lintel, chajja, roof, terrace and parapet.

(25)

- 4. A school science laboratory is to be provided with terrazzo flooring. Draw the construction details for showing all the construction details for the flooring. (25)
- 5. Draw the plan, elevation & construction details for a dog legged R.C.C. stairs with the floor to floor height being 3.2 m for a house. (25)

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

**1** M-45021

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