

Roll No.

Total No. of Pages : 01

Total No. of Questions : 07

B.Architecture (2012 & Onwards) (Sem.-3)
BUILDING CONSTRUCTION AND MATERIALS-III
Subject Code : BACH-302
Paper ID : [A2050]

Time : 4 Hrs.

Max. Marks : 75

INSTRUCTION TO CANDIDATES :

1. Question 1. is compulsory.
2. Attempt TWO questions from UNIT-I & TWO from UNIT-II.
3. All Questions Carry equal marks except Q1.

I. Write short notes on the following :

- a) Fiber glass (2)
- b) Particle Board (2)
- c) R.C.C form work for square column (2)
- d) Timber Staircase (2)
- e) Brick cladding (2)

UNIT -I

- II. Describe in detail the properties and composition of any five type of glass.
- III. Discuss in detail the character and uses of tinted glass and Obscured Glass.
- IV. Describe in detail the manufacturing process and qualities of Batten board and Bamboo board.

UNIT -II

- V. Design and detail the R.C.C staircase from ground floor to first floor slab. The finished floor to floor height should be considered as 3.5 m.
- VI. Discuss in detail the construction of Terrazzo flooring showing all possible details.
- VII. Discuss in detail the stone cladding on exterior facade and panelling in interior of room.