

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

B.Architecture (2012 & Onwards) (Sem.-3)
BUILDING CONSTRUCTION AND MATERIALS-III
Subject Code : BACH-302
M.Code : 70414

Time : 4 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt total FIVE questions including COMPULSORY Q.No. 1 and any TWO questions from each UNIT I and II.
2. Assume the missing data if any and mention it along answer.

1. Write briefly :

- a) What is the difference between laminated glass and tinted glass?
- b) Write any two materials, which are used for wall paneling.
- c) What do you mean by chajja?
- d) Enlist any two materials, which are used for cladding.
- e) What do you mean by fiber glass? (2×5=10)

UNIT-I

2. Enlist the different types of glasses, which are used in building construction. Explain any two of them in detail along with their applications. (10)
3. Enlist the different types of applied timber product, which are being substituted today for wood in construction industry. Explain any two of them in detail. (10)
4. Write short notes on followings :
 - a) Foam Glass
 - b) Commercial veneers (5×2=10)

UNIT-II

5. What are the different types of stair case used in building construction? Design and Draw plan, section and any two detail of RCC Stair case for a residence of size 2.5 meters \times 5.6 meters on suitable scale. The floor height is 3.0 meter. (22.5)
6. Draw a skin section of two story building through kitchen to suitable scale with detail of the RCC foundation, floor, window, lintel, roof terracing and parapet on suitable scale. (22.5)
7. Write short notes on followings with neat sketches : (7.5 \times 3=22.5)
 - a) Terrazzo Flooring
 - b) RCC Form work for round column
 - c) Different types of Stone flooring

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.