

**Total No. of Pages : 01**

**Total No. of Questions : 07**

**B. Architecture (2012 & Onwards) (Sem.-2)**  
**BUILDING CONSTRUCTION AND MATERIALS-II**

**Subject Code : BACH-202**

**Paper ID : [A1234]**

**Time : 4 Hrs.**

**Max. Marks : 70**

**INSTRUCTION TO CANDIDATES :**

1. Q.1 is compulsory.
2. Attempt TWO questions from UNIT I & UNIT II.

**1. Write short notes on the following :**

- Uses of timber.
- Emulsions.
- Vertical DPC.
- Wire Mesh Door.
- Water Proofing of roofs.

$$(2 \times 5 = 10)$$

## UNIT-I

2. What are the various defects of timber? Write in detail about any two defects. (15)
3. What is the composition of steel used in buildings? Also write about the properties of steel used for construction. (15)
4. What are the various applications of paints in buildings? (15)

## UNIT-II

5. Draw the construction details of the foundation for a 9 ½" thick brick wall. (15)
6. Design and draw the construction details for a braced and battened door for an opening of 1.2 m. (15)
7. Draw the section through a 9" thick external wall of a load bearing structure. Also draw the construction details for the same. (15)