



SD-6071

**B. Arch. - I (Sem - II) Examination**  
**May / June - 2011**  
**Bldg. Materials & Const. Technology-II**  
**Paper - ARC - 202**

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

(1)

नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लिखनी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
B. Arch. - 1 (Sem - 2)

Name of the Subject :  
Bldg. Materials & Const. Technology - 2

Subject Code No. : 6 0 7 1 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

- (2) Figures to the right indicate full marks for the section.  
(3) Neat sketches shall be given due weightage.

1 Fill in the blanks. 10

- (i) To prevent the obstruction of door swing of side hung door \_\_\_\_\_ doors are used.  
(ii) \_\_\_\_\_ type of doors provide air lock and hence are used in Air conditioned building.  
(iii) The door that swings in both directions is called \_\_\_\_\_ door.  
(iv) To conceal the crack between the door frame and masonry \_\_\_\_\_ is provided.

Define following.

- (v) Tread  
(vi) Widening joint  
(vii) Mullion  
(viii) Rebatting  
(ix) Bottom rail  
(x) Flight.

SD-6071]

1

[Contd...

- 2** Write short notes on following : (any **two**) **20**
- (i) Ferrous metals.
  - (ii) Types of footings.
  - (iii) Types of hinges used in doors.
- 3** Explain in detail with neat sketches. (any **two**) **30**
- (i) PVC door frame
  - (ii) Metal window
  - (iii) Dog leg stair.
- 4** Sketch neatly and label. **20**
- (i) Random rubble wall
  - (ii) Any two lengthening joints in timber
  - (iii) Standard brick
  - (iv) Baluster.
- 5** Design and detail with dimensions specifications. (any **one**) **20**
- (i) Aluminum sliding window for opening of size  
1.2 mt. × 1.8 mt.
  - (ii) Wooden stairs.
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