



Printed Pages : 2

AR-202

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 8538**

Roll No.

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**B. Arch.**

**(SEM. II) EXAMINATION, 2006-07**

**CONSTRUCTION & MATERIALS - II**

*Time : 3 Hours]*

*[Total Marks : 50*

**Note :** (1) Attempt **four** questions in all including *Q. No. 1* which is **compulsory**.

(2) Make neat sketches to support your answer.

(3) Only two cartridge sheets shall be supplied.

**1.** Draw a wooden ledged and Battened door in an **20** opening size of 800 mm x 2100 mm in a 230 mm thick brick wall. Draw its plan, elevation and section to a scale of 1:20.

**2.** (a) Sketch a semi circular arch and label its **5×2** various parts on it.

(b) According to shape classification, sketch any five types of arches.

**3.** What do you understand by “Seasoning of Timber”? **10**  
Explain various methods used for seasoning of timber.

**4.** Write detailed notes on any **two** of the following : **5×2**

- (a) Reinforced cement concrete
  - (b) Rat-trap bond
  - (c) Tongue and groove joint
  - (d) Coping
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