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 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 various parts on it.
(b) According to shape classification, sketch any five types of arches.

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

4. Write detailed notes on any two of the following:

   (a) Reinforced cement concrete

   (b) Rat-trap bond

   (c) Tongue and groove joint

   (d) Coping