

Printed Pages : 2



NAR202

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

PAPER ID : 181207

Roll No.

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B. ARCH.

(SEM. II) THEORY EXAMINATION, 2014-15
CONSTRUCTION & MATERIALS - II

Time : 3 Hours]

[Total Marks : 50

- Note :**
- (i) Answer ALL questions.
 - (ii) Draw neat sketches with proper labeling.
 - (iii) Use appropriate scale for drawings.
 - (iv) Individual observations and understanding will be appreciated.

- 1** Draw wooden ledged, braced and battened door **18**
 in an opening of 900mm x 2100mm in a 230mm brick wall with one joinery detail in isometric. Draw its plan, elevation and section to a scale of 1:10.

OR

- 1** Draw a semi-circular arch in a 230 mm brick wall, **18**
 with a span of 1800 mm and the height of the springing line from the floor is 2000mm and labels its various parts on it. (1:20).

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[Contd...

- 2** Write illustrated notes on any Two of the following : **8**
- (a) Lancet Arch
 - (b) Corbelling
 - (c) Types of Coping.
- 3** What are the various merits of "Rat Trap Bond" ? **8**
Draw plan of two successive courses of 'Rat Trap Bond' at Cross-junction.
- 4** Attempt any two of the following : **8**
- (a) Seasoning of timber
 - (b) Dove tail joint
 - (c) Vertical damp proofing.
- 5** Discuss any two of the following : **8**
- (a) Reinforce Cement Concrete workability
 - (b) Reinforce Brick work in Walling
 - (c) Brick Jaali in residences.
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