

Printed Pages : 2



AR-302

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

**PAPER ID : 181303**

Roll No.

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**B. Arch.**

(SEM. I) (ODD SEM.) THEORY  
EXAMINATION, 2014-15

**CONSTRUCTION & MATERIAL-III**

Time : 3 Hours]

[Total Marks : 50

- Notes :** (1) Marks will be given for neat drafting work.  
(2) Proper reference lines to be shown and not rubbed.,

- 1 Write short notes with sketches on any **three** : **5×3=15**
- Plastering and process of plastering a wall.
  - Brick flooring.
  - Glass and its types.
  - Pointing and its types.

- 2 Draw in plan & elevation a double panel door and **15**  
its detail at the bottom rail and stile.

**OR**

Draw in plan & elevation a Mosquito proof shutter  
and its detail at the midde rail and stile.

- 3** Attempt any **two** : **20**
- (a) Draw timbering of shallow trenches for water logged site, width of the trench is 1.2 m and depth is 1.2 m. Draw section and isometric view. **10**
- (b) Draw the plan & elevation of the Raking shore for an old building three story high. **10**
- (c) Draw the section & plan of a cavity wall (internal wall 230 thick & external wall 115 thick) supporting a slab at 3-3m height. Section should be drawn through the window opening of 1.0 × 1.0m. Show all the details from foundation to top of slab. **10**
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