



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

PAPER ID : 181415

Roll No.

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B. Arch.

(SEM. IV) THEORY EXAMINATION, 2014-15 CONSTRUCTION & MATERIAL - IV

Time : 3 Hours]

[Total Marks : 50

Note: (i) Answer all the questions.

(ii) Dimensions & labelling should be done neatly in all drawings.

(iii) Any missing data or information can be assumed.

1 A Sliding door is to be provided between Drawing room & Dining lobby. It is to be designed for a masonry opening of 2250×2100 mm

(i) Draw Elevation of the door [scale 1:10]

(ii) Plan & cross section [scale 1:10]

(iii) Top & bottom details [scale 1:21] [15]

2 A cavity wall is being proposed on a building facade to get relief from tropical sun's heat.

Draw cross section of single storey wall showing parapet, window section, foundation details etc. [scale 1:10]

[15]

- 3 Explain any two of the following with neat sketches : [10]
- (i) Wooden wall panelling & its fixing
 - (ii) Mud plaster & its laying.
 - (iii) Glass bricks partition.
- 4 Differentiate between any two : [10]
- (i) Acrylic paint & Synthetic paints.
 - (ii) Fibre Board & Block Board.
 - (iii) Thermo Plastic & Thermosetting adhesive.
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