

Printed Pages-2

NAR 402

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

PAPER ID: 181407

Roll No.

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B. Arch

(SEM IV) THEORY EXAMINATION (2017-18)

Construction & Materials-IV

Time: 3 Hours

Total Marks: 50

Note:

- Answer all questions
- Dimensions and labeling should be done neatly in all drawings.
- Any missing data or information can be assumed.

1. A Sliding door is provided between dining hall & lobby. The size of door openings 2000mm x 2100mm. Draw Plan, Elevation and one isometric view of joinery details of Door shutter on a suitable scale. **15x1=15**
- Draw Elevation of the door
 - Plan and cross section
 - Top & bottom details

OR

A cavity wall is being proposed on a building façade to get relief from tropical sun's heat. Draw cross section of single storey wall showing parapet, window section, foundation details etc.

2. A Flush door is provided for a drawing room. The size of a door opening is 1500mm x 2100mm. Draw **15x1=15**
- Draw Elevation of the door
 - Plan and cross section
 - Top & bottom details

OR

Proposed a wooden wall partition for a room size 5m X 4m Draw

- Draw Plan Elevation
 - Cross section
 - Top & bottom details
 - Isometric view of details
3. Explain any two of the following with neat sketches **5x2=10**
- Wooden wall partition
 - Mud plusca & its laying
 - Glass bricks partition
4. Differentiate between any two: **5x2=10**
- Acrylic paint & Synthetic paints
 - Fiber Board & Ply Board
 - Thermo plastic & Thermosetting adhesive