

Printed Pages : 3



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

PAPER ID : 181402

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B.Arch. (Semester-IV)
THEORY EXAMINATION 2015
CONSTRUCTION & MATERIAL

[CARRY OVER]

Time : 3 Hours]

[Total Marks : 50

- Note:** i) Answer TWO questions from Section A and all questions from Section B.
- ii) Dimensions & labelling should be done neatly in all drawings.
- iii) Any missing data or information can be assumed.

SECTION A (ATTEMPT ANY TWO)

1. A Sliding door is to be provided between a drawing hall & dining lobby. The size of door opening is 2000mm x 2100mm.. The door can be slided on either side of opening on wall.

Draw:

- a) Elevation of the door [scale 1:10]

- b) 'Plan & cross section [scale 1:10]
c) Top & bottom details [scale 1:2] [15]
2. A Flush door is to be provided for a drawing room. The size of door opening is 1000mm x 2100mm.
Draw
a) Elevation of the door shutter along with timber chaukhat [scale 1:10]
b) Plan & cross section of the door shutter along with edge details [scale 1:10]
c) Top & bottom details [scale 1:2] [15]
3. A wooden partition is required for making a cabin for a doctor's clinic Partition is 3000mm wide (wall to wall) x 3000mm high (floor to ceiling). Partition carries a door of 900mmx2100mm in right corner & a window of size 1000mmx900 mm.
Draw Elevation, plan & Cross section [Scale 1:10] [15]

SECTION B

4. Explain any two of the following with neat sketches: [10]
a) Mud Phuska & its laying.
b) Sliding & folding Door.
c) Hollow Walls.

5. Differentiate between any two : [10]

- a) Natural Adhesives & Artificial adhesives
b) Acrylic paint & oil bound Distemper
c) Block Board & M.D.F board

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