

Printed Pages : 2



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NAR-302

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

PAPER ID : 181314

Roll No.

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B.Arch. (Semester-I)

**(SEM III) ODD SEMESTER THEORY
EXAMINATION 2014-15**

CONSTRUCTION & MATERIAL - NAR-302

Time: 3 Hrs.!

Total Marks: 50

Note:

- i) Answer any 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)

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(1)

[Contd...

1. A Panelled door is to be provided between bed room & verandah. Size of masonry opening is 1000 mm x 2100 mm. A four panelled door is required.
- Draw Elevation of the door [scale 1:10]
 - Plan & cross section [scale 1:10]
 - Top & bottom details [scale 1:2].
- [15]
2. A shallow trench of 1.0 m x 1.0 m is being dug for laying 11,000 volt cable line in Lucknow. Suggest the type of timbering arrangement you will provide during execution of work.
- Draw plan & Cross section. [scale 1:10]
 - Isometric Detail showing all members.
- [15]
3. Draw a detail of Reinforced brick slab for a room of size 3.0 X 4.0 m showing all reinforcement details and material specifications.
- [15]

SECTION B

4. Explain any two of the following with neat sketches :
- Interlocking tiles & its fixing
 - Roof slating & its laying.
 - G.I. sheet & its fixing with angle.
- [10]
5. Differentiate between any two :
- Vitrified tile & Ceramic tile
 - Thatch roof & terracotta tile
 - Knob & Handle
- [10]

—X—