

Printed Pages : 2



AR602

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

**PAPER ID : 181602**

Roll No.

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### B. Arch.

(SEM. VI) THEORY EXAMINATION, 2014-15  
**CONSTRUCTION & MATERIALS-VI**

Time : 3 Hours]

[Total Marks : 50

**Note :**

- (1) Answer any four questions only. Question No.1 is compulsory.
  - (2) Use an appropriate scale for drawing.
  - (3) Assume any missing data.
  - (4) Only Two cartridge sheets shall be given. Answer accordingly.
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- 1 Outer face of an old School building has to re plaster & white wash. The length of the building is 30.0 meter where as height of the building is 10.0 meter (assuming 3 mtrs for each floor) provide complete solution for scaffolding. Dram Plan, Elevation, Section and material specification for the scaffolds. **20**

**OR**

- 1 A shop having frontage 12.0 meter and height 3.0 meter needs to provide rolling shutter. Provide detail of rolling shutter with Plan, Elevation, Section and sketch any of two details. **20**

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**1**

**[ Contd...**

**2** Write short notes on any of two duly supported by neat sketches. **2×5=10**

- (a) Centering
- (b) Shuttering
- (c) Vertical D.P.C

**3** Why foundation is required in buildings? List down various types of foundations? Give brief description with neat sketches. **10**

**4** What are plastics? Explain different types of plastics and their use in architecture. **10**

**5** Write short notes on any of the four. Each carries equal mark. **4×2.5=10**

- (a) Terracotta
- (b) Polythene
- (c) Rubber
- (d) Ferrous Metals
- (e) Porcelain.

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