



AE-6011
B. Arch. - I (Sem. II) Examination
May/June - 2015
(ARC-202) Building Material & Construction
Technology - II
("D" SYLLABUS)

Time : 2 Hours]

[Total Marks : 60

Instructions :

(1)

<p>नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य कर्जवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. ARCH. - 1 (SEM. 2)</p> <p>Name of the Subject : (ARC-202) Building Material & Construction Technology - 2</p> <p>Subject Code No. : 6 0 1 1 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p>Student's Signature</p>
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- (2) Figures to the right indicate full marks of the question.
(3) Support your answers with sketches where required.

1 Do as Directed : 10

- (1) Define Non-ferrous metals.
- (2) Typical three track window will have 50% opening.
(True/False)
- (3) A horizontal wooden member in a wooden window frames for fitting of the window sash is typically known as _____.
- (4) Width of a toilet door is usually given as _____ mm.
- (5) In a glass curtain wall fittings that hold 4 glasses at a junction are called _____ fittings.
- (6) Volumetric measurement of of Wood is typically measured in _____.
- (7) Define Riser.
- (8) Wire glass is a fire resistance material. (True/False)
- (9) _____ & _____ are types lengthening joints
- (10) _____ is name of good quality wood used to make shutters for a wooden Paneled door.

- 2** Answer the following : (any **two**) **12**
- (1) Use of glass and plastic in Construction Industry
 - (2) Compare Ferrous and Non-Ferrous metals
 - (3) Illustrate Cavity wall construction and its advantages.
- 3** Sketch neatly and label : (any **five**) **20**
- (1) Spiral staircase with all components
 - (2) Any two widening joints
 - (3) Two track aluminum sliding window with details
 - (4) Elevation of 4 paneled door with hardware
 - (5) Types of Flush doors
 - (6) Timber stud partition wall
 - (7) Metal louvered window with section and details.
- 4** Explain in detail with appropriate sketches : (any **two**) **18**
- (1) Explain artificial timber and its uses.
 - (2) Draw and explain with a sketch a metal collapsible shutter with details.
 - (3) Explain guidelines for design of a good staircase with proper sketches.
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