



UH-8071

B. Arch. - I (Sem. - II) Examination

May/June - 2012

Bldg. Materials & Construction Tech. - II

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> B. Arch. - I (Sem. - II)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> Bldg. Materials & Construction Tech. - II	<input type="text"/>
Subject Code No. : <input type="text"/> 8 <input type="text"/> 0 <input type="text"/> 7 <input type="text"/> 1	<input type="text"/>
Section No. (1, 2,.....): <input type="text"/> Nil	
	Student's Signature

- (2) Figures to the right indicate full marks for the question.
(3) Neat sketches with labels & dimensions shall be given due weightage.

1 Objective type questions. 10

- (i) _____ door is commonly used in air conditioned public buildings to prevent air loss.
- (ii) _____ hinge is used in doors that swings on both the sides.
- (iii) The details of all opening of a project can be found in _____ schedule.
- (iv) _____ window is used when you want to allow the wind but not the view.
- (v) Define nosing
- (vi) _____ is the process of removing moisture from wood.
- (vii) To increase the length of timber members _____ joints are used.
- (viii) Define Newel post.
- (ix) In a timber door shutter, the _____ rail, usually has the maximum size. (Top, Frieze, Bottom)
- (x) _____ coat plaster is used on the exterior walls. (Single/Double/Triple)

- 2** Write short notes on following : (any **two**) **16**
- (i) What is seasoning in timber ? Explain market forms of timber.
 - (ii) Glass as a building material.
 - (iii) Plastering and its importance.
- 3** Elaborate and explain with neat sketches : **30**
- (i) Hardware for doors.
 - (ii) Louvered windows.
- 4** Sketch neatly and label : (any **six**) **24**
- (i) 3 Widening joints in timber.
 - (ii) Glass block partition.
 - (iii) Precast concrete compound wall.
 - (iv) Elevation of timber door frame to be installed on site.
 - (v) Types of Flush doors.
 - (vi) Canopy and Balcony.
 - (vii) Geometrical stairs.
- 5** Sketch a typical example of the following with labels and dimensions. Sketch enlarged details to explain the joinery. **20**
- (i) Timber door and doorframe for a Bedroom.
 - (ii) Straight flight stair in plan and section with labels of all components of plan.
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