	Seat No.:	
	N09-104	
	November-2014	
	Third Year B.Arch. / ID / BCT, (Sem. – III)	
	Building Construction – III (AR – 302)	
	N09-104 November-2014 Third Year B.Arch. / ID / BCT, (Sem. – III) Building Construction – III (AR – 302) (New Syllabus) ours] [Max. Marks: 100 s: (1) Draw neat sketches wherever required. (2) Assume any missing data, if required. a main door of size 1.8M × 2.7M, with material and operating system of your, generating plan, section, elevation and details explaining the design clearly. OR plan, elevation and section for aluminum sliding window of size 2.4 M × 1.2 M, pecific details for the following purposes: Noise and dust insulation Rain protection Locking be terms with neat sketches with dimension (any four). Ledge and Brace. Rebate, groove and notch. Pitch, eaves and ridge. Stringer and soffit.	
: 3	Hours] [Max. Marks :	100
uctio	` '	
	ign a main door of size $1.8M \times 2.7M$, with material and operating system of your ice, generating plan, section, elevation and details explaining the design clearly. OR	30
	w plan, elevation and section for aluminum sliding window of size 2.4 M \times 1.2 M, a specific details for the following purposes :	
(a)	Noise and dust insulation	
(b)	Rain protection	
(c)	Locking	
Des	cribe terms with neat sketches with dimension (any four).	20
(a)	Ledge and Brace.	
(b)	Rebate, groove and notch.	
(c)	Pitch, eaves and ridge.	
(d)	Stringer and soffit.	
(e)	Lock rail, top rail and bottom rail.	
	pose a form of the staircase and support system of treads for a residence having 3M ght from floor to floor, choosing the dimension, and materials, along with details. OR	30
Illus	strate with sketches, the number of ways, a tread of staircase can be supported.	

Illustrate with sketches, the number of ways, a tread Explain with details and 2 of the support system, along with structural, construction and materials. Explain this for single material & composite order material separately.

Describe terms with neat sketches with dimension: 4.

20

- (a) Joinery detail for wooden frame and shutter.
- (b) Pivot and door closer.
- Louvers-operable and fixed. (c)
- Friction hinge and butt hinges. (d)

N09-104

Time: 3 Hours

Instructions:

1.

2.

3.