

8/12/2017 (M)

SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS, FEROZEPUR

ROLL NO :

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Total number of pages:[02]

Total number of questions:[06]

B.ARCH. – 3rd Sem.

Building Construction -III

Subject Code : AR-302

Paper ID: (for office use)

Batch: 2015 onwards

Time allowed: 04 Hrs

Max Marks: [60]

Important Instructions:

- Attempt any Four Questions selecting two from Each Part.
- 02 Marks is reserve for neatness.

PART - A

- Q1. A) A RCC staircase of open well type, 4'-0" wide with 12" wide Tread and 6" high Riser is to be provide in a building with 12'-0" floor to floor height. Draw its Ground floor, First floor plan, section and railing detail, 18
- Q2. A) Write briefly the type of staircases. 06
B) Draw and detail a wooden straight flight staircase of 3'-0" wide and 9'-0" high. Draw its relevant detail. 12
- Q3. A) Draw and detail out a form work of RCC Rectangle column of Size 450mm and 800 mm. Draw it's all relevant detail and sections. 12
B) Draw short note on Slab shuttering. 06

PART - B

- Q4. Draw a section through double story load bearing wall of 9" thick in exposed brick wall and plaster inside . Draw its foundation detail, flooring detail with skirting and roof. 11
- Q5. Draw in detail the Lintel and chajja, cill detail, flooring detail of ground floor and Parapet detail of wall of 9" thick plaster on both the sides. 11

Q6. A) Draw and detail of wall cladding of any material of your choice. Give its fixing, Size and specification. 7

B) Write and draw in detail the speciation of any one of the following flooring.

i) Stone Marble

ii) Terrazzo

iii) Vitrified Tiles

4

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