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Roll No.

G4001

B.Arch. EXAMINATION, May 2019

(Eighth Semester)

(B. Scheme) (Main & Re-appear)

(Arch.)

AR404B

BUILDING CONSTRUCTION AND
MATERIALS-VIII

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt total *three* questions. Q. No. **1** is compulsory. Attempt any other *two* questions from rest four questions.

(3-23/1) M-G4001

P.T.O.

1. Explain the following :
 - (a) Advantages and disadvantages of Wooden Partition
 - (b) Salient features of POP false Ceiling
 - (c) Disadvantages of straight flight staircase
 - (d) Advantages of plastic emulsion paint.
 - (e) Float Glass and Tinted Glass.
2. For lobby of a farm house (15'×25') what type of false ceiling would you like to recommend ? Explain reason for selecting the particular type of false ceiling. Draw complete section and all relevant details.
3. Segregate the toys section and garment section of a showroom with a partition. The size of the partition is 22'(W) × 8'-6"(Ht). Design the partition and draw its elevation, section and details.
4. Design and draw spiral staircase for a restaurant which is connecting cooking area with restaurant area. The diameter of spiral staircase is 4'-0". Write about the salient features of this staircase.
5. For the conference hall (20'×50') having false ceiling design seating and electrical layout, clearly indicating the light fixtures along with its specifications.