

S.No. : 541

BID 1251

No. of Printed Pages : 04

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 10707

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BID Examination 2021-22

(Even Semester)

MATERIAL CONSTRUCTION & TECHNIQUES - II

Time : Three Hours]

[Maximum Marks : 60

- Note :-**
- (i) Attempt all questions.
 - (ii) Assume any missing data.
 - (iii) Draw neat sketches with proper labeling.

SECTION - A

1. Attempt all parts of the following : $8 \times 1 = 8$
- (a) What do you mean by double glazed windows?
 - (b) P. V. C. stands for
 - (c) Give any two functions of door.

[P. T. O.]

- (d) List any four names of company which provides tiles for domestic use.
- (e) Where hinges are been used?
- (f) List any three materials used for cladding of walls nowadays.
- (g) Why fixed furniture is prefer in bedrooms?
- (h) List down any two sound insulation materials.

SECTION – B

2. Attempt any two parts of the following : $2 \times 6 = 12$

- (a) Draw and explain about any three fixtures been used in door or windows.
- (b) A suspended false ceiling is going to be construct in a office, which type of material you will choose regarding this notion and explain it process with help of neat sketches?
- (c) Sketch and list down all types of doors and windows been used in construction of a residential building.

- (d) Explain with neat sketches about construction of any type of suspended false ceiling.

SECTION – C

Note :- Attempt all questions from this section.

3. Attempt any two parts of the following : $5 \times 2 = 10$
- (a) List down all the materials been used for cladding nowadays, explain the explain the notion behind the use of this materials for cladding.
 - (b) Discuss advantages and disadvantages of modular furniture in detail.
 - (c) Explain the advantages and disadvantages of both fixed and suspended ceilings.
4. Attempt any two parts of the following : $5 \times 2 = 10$
- (a) Which cladding material is always been prefer to use in hospitals? Explain its application process with help of neat sketches.
 - (b) Sketch the detail of joining of window or door in wall. Explain the process with help of sketches.

[P. T. O.]

- (c) List down all the flooring materials been used for flooring nowadays in residential buildings, explain why everyone is using them?

5. Attempt any two parts of the following : $5 \times 2 = 10$

- (a) Draw plan and elevation of double panel door to the scale of 1 : 10 and labelled with all terminology (height of door : 2100 mm and width is 1000 mm).
- (b) Draw plan and elevation of fixed single glazed window to the scale of 1 : 10 and labeled with all terminology (height of window : 1500 mm, width of window : 1200 mm and lintel level is 2100 mm).
- (c) From above 5 (a) or 5 (b) draw any two major details. Also explain why it is important as per you.

6. Attempt any two parts of the following : $5 \times 2 = 10$

- (a) Gypsum Board Vs. Plaster of Paris (POP)
- (b) Fixed Furniture Vs. Moveable Furniture
- (c) Wooden Door V/s Aluminium Doors

