

S.No. : 285

AR 302

No. of Printed Pages : 03

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

PAPER ID : 0112

Roll
No.

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B. Arch. Examination 2019-20
(Odd Semester)

CONSTRUCTION AND MATERIALS - III

Time : Three Hours]

[Maximum Marks : 50

- Note :-**
- (i) Assume missing data.
 - (ii) Use appropriate scale, wherever not given and also mentioned it.
 - (iii) Drawings should be neat, dimensioned and labelled.
 - (iv) Be precise in your answers.

SECTION - A

1. Attempt any four parts of the following . Define the following terms with neat sketches : 2×4=8

(a) Transom

[P. T. O.

- (b) Style
 - (c) Mullion
 - (d) Jamb
 - (e) Panel
2. Differentiate between any two of the following with neat sketches : 4×2=8
- (a) Ceramic tile and vitrified tile
 - (b) Translucent glass and transparent glass
 - (c) Jointing and pointing
3. Write down the name of tools / equipments used in making a door. 2
4. What are the defects in Painting? 2

SECTION – B

Note :- Attempt any two question of the following : 15×2=30

5. A panelled door is to be provided between bed room and verandah, size of masonry openings is 1000 × 2100 mm. A four panelled door is required :
- (a) Draw elevation of the door (Scale - 1:10)

- (b) Plan and cross section (Scale - 1:10)
- (c) Top and bottom details (Scale - 1:2)
6. Draw a plan, elevation and section of mosquito proof door with a size of 1000×2100 on scale of 1 : 10 and also provide two joinery details on the scale of 1 : 2.
7. What is Shoring? Explain all types of shoring with their uses and neat sketches.
