

S.No. : 444

AR 406

No. of Printed Pages : 02

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

PAPER ID : 00122

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B. Arch. Examination 2021-22

(Even Semester)

BUILDING SERVICES-I (WS)

Time : Three Hours]

[Maximum Marks : 50

- Note :-**
- (i) Attempt each questions.
 - (ii) All question carries equal marks.
 - (iii) Support your answers with proper sketches and presentation.

1. What is distribution system? Describe how it is distributed at municipal and individual level? 10
2. Write short notes on any two of the following : 10
 - (i) Ablution tap
 - (ii) Bottle trap

[P. T. O.]

- (iii) Oil and grease trap
 - (iv) Cistern
3. Design a toilet of size 1.5m × 2.4m along with all the fixtures and plumbing layouts. 10
 4. Detail out the difference between one pipe system and two pipe system with proper sketches. 10
 5. Explain different types of sources of water. Detail it out with proper sketches. 10

OR

Explain different steps in pipe laying and jointing with proper details. 10

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