

V30/BID103(P)/EE/201605

Time : 3 Hours

Max. Marks : 60

Instructions for the students:

1. Question No.1 is compulsory.
2. Solve any two questions out of the remaining three questions.
3. All drawings / sketches should have all dimensions and labelling.
4. Assume suitable data if necessary.

-
1. Draft a four panel TW door:- 30
Given - Clear opening size = 1.00 m × 2.10 m
-Wall thickness = 230 mm
Drawings to show-
- Plan, front elevation, sectional elevation - 1:10 scale
- Any two details - 1:2 scale

 2. Draw proportionate diagrams of any two of the following and label them- 15
 - a) Uncoursed rubble masonry
 - b) Header bond in brick masonry
 - c) Braced frame structure

 3. Draw proportionate sketches of any two of the following and label them- 15
 - a) Brick lintels
 - b) Semi circular arch
 - c) Lap corner joint

 4. Draft the details of any one of the following to any suitable scale- 15
 - a) Typical Deep foundation
 - b) Horizontal section of a TW door
 - c) Concrete lintel

