

S.B. Roll No.....

BUILDING DRAWING
3rd/Civil/0518/5951/May'16

Duration: 4 hrs

M. Marks=100

Note:

- Attempt any THREE questions from SECTION-A.
- Section B is compulsory.

SECTION A

20×3=60

- Q.1** Draw the section of a simple spread foundation with plinth projections for an external wall having thickness 300mm by working data by thumb rules. Also show the details of horizontal as well as vertical DPC.
- Q.2** Draw the details of cement concrete monolithic floor finish
- a) over ground
 - b) over structural slab
- Q.3** Draw the plan of alternate courses T-junctions of 1.5 (300mm) brick external wall and 1 (200mm) brick internal wall in English Bond.
- Q.4** Draw a double leaf paneled door 1200mm×2100mm showing sectional plan and front elevation

SECTION B

- Q.1** Draw the plan, one cross section, front elevation from the given line plan with following specifications.

15+15+10=40

- Plinth Height: 400mm
- Depth and width of foundation: 900mm
- Thickness of walls: 300mm
- Height of ceiling from floor level: 3.5m
- Roof slab thickness: 100mm
- Parapet wall height: 800mm
- Doors: 1.1m×2.1m each
- Windows: 1.5m×1.5m

Assume any other missing data.

