Code No. 6010 / S

FACULTY OF ENGINEERING

B.E. 2/4 (Civil) I – Semester (Supplementary) Examination, July 2014

Subject : Building Drawing

Time : 3 hours **Max. Marks : 75**

Note: Answer all questions from Part-A. Answer any FIVE questions from Part-B.

PART – A (25 Marks)

1	Draw the conventional signs for a ceiling fan and European W.C.	2
2	Draw the isometric view of a standard brick.	2
3	Draw the plan of odd and even courses of 1-brick wall in English bond.	3
4	Mention various factors to be considered while planning a residential building.	3
5	Sketch the plan of biffercated and dog legged stairs.	3
6	Sketch the plan of a RCC square footing.	3
7	Sketch the elevation of a paneled and Venetian door.	3
8	What is the minimum size of a door in a public building?	2
9	Indicate the minimum and maximum number of steps in a flight.	2
10	Sketch the elevation of Random Rouble Uncourse stone masonry.	2

PART – B (50 Marks)

11	Draw the plan and sectional elevation of RCC footing of size 1.2 m x 1.5m to suitable scale.	10
12	Draw the plan, elevation and sectional side view of a fully paneled door of size 1.2 m x 2.1 m, to a suitable scale.	10
13	Draw the plan and sectional elevation of an open well stair. The side of the stair case room is 6.0m x 3.6m. Take a suitable scale.	10
14	Draw the isometric view of 1½ brick wall corner in English bond, showing a minimum of 5 courses.	10
15	Draw the plan and section along longer span of a RCC slab of size 6.0 m x 4.0 m, to a suitable size.	10
16	Draw the queen post truss for a span of 12 m, choosing a suitable scale.	10
17	Draw the plan and elevation for the line sketch given below. Provide suitable sizes of doors and windows at locations marked on the line sketch.	10

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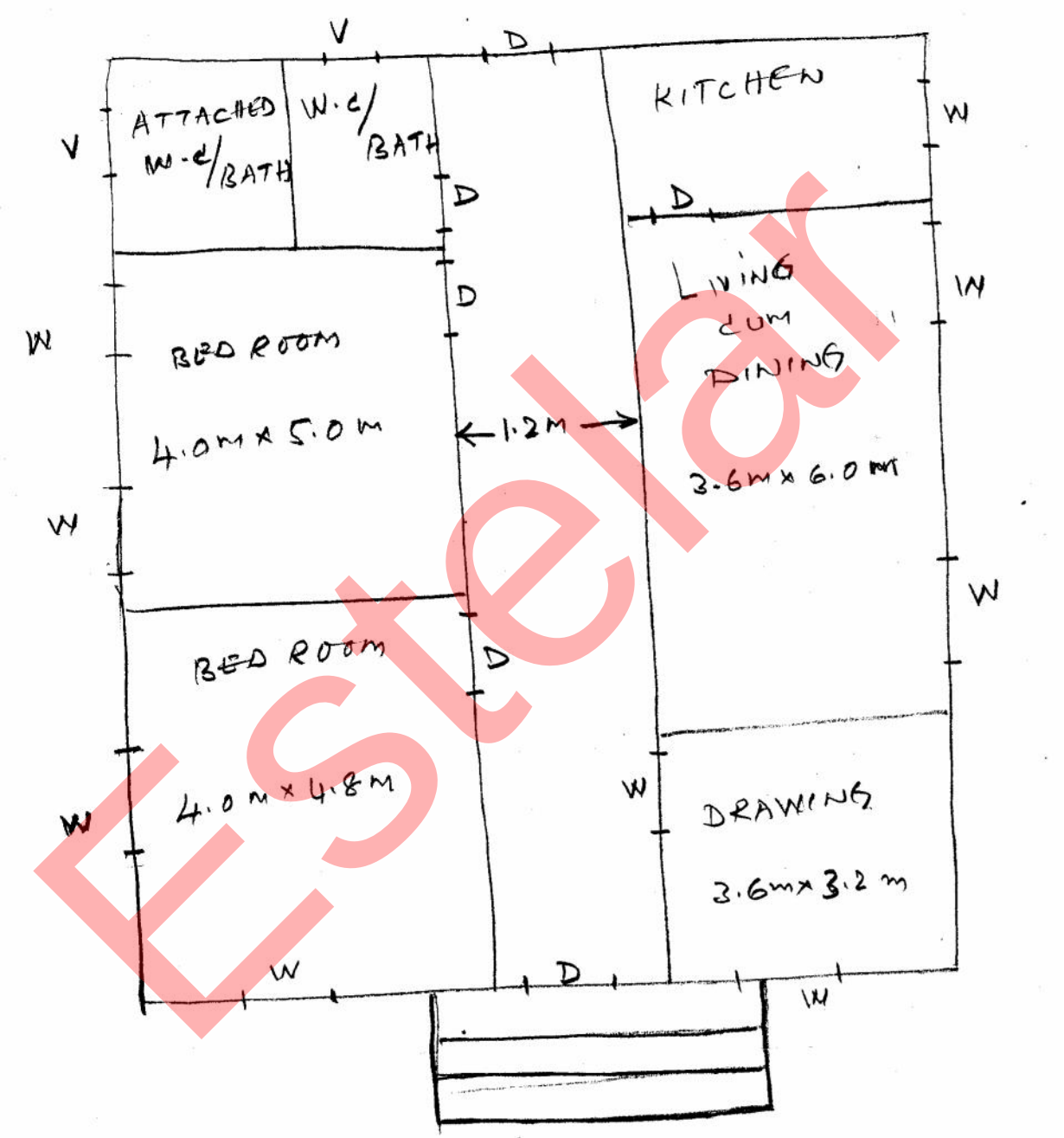

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