

B.Tech. Degree V Semester (Special Supplementary) Examination, July 2005

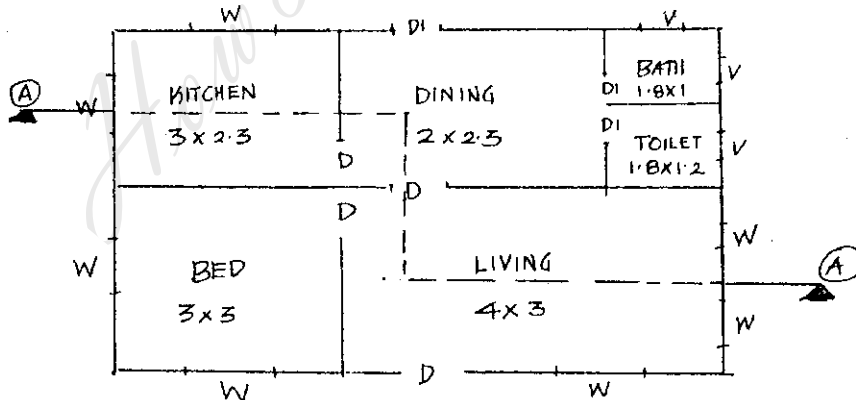
CE 506 (A) CIVIL ENGINEERING DRAWING (2002 Admissions)

Time: 3 Hours

Maximum Marks: 100

(Note: Assume any missing data suitably)

- I Draw the elevation of a King post truss suitable for a 6000mm clear span between two walls of 200mm thickness each. The roof which is of flat tiles supported over reapers and purlins should also be clearly shown. (30)
- OR**
- II A stair case room is of 3150 mm x 1900mm size, an R.C.C stair case connects the two floors which is at a height of 3420mm. Provide a suitable stair case and draw its plan and cross section showing landing slab, beam reinforcement details etc.... (30)
- III The line sketch of a low income group house is shown. Prepare the detailed drawing of -
- i) Plan (20)
 - ii) Section at AA (25)
 - iii) Front elevation (15)
 - iv) Rain water harvesting system (suitable for this building) (10)



LINE SKETCH (NOT TO SCALE)
(ALL DIMENSIONS ARE IN METERS)
