

Code: CE4T5

II B.Tech - II Semester–Regular/Supplementary Examinations–April 2018

BUILDING PLANNING AND DRAWING
(CIVIL ENGINEERING)

Duration: 3 hours

Max. Marks: 70

PART – A

Answer any **THREE** questions. All questions carry equal marks.

3 x 14 = 42 M

1. Write short notes on 14 M
 - a) Aspect and prospect
 - b) Grouping
 - c) Circulation in buildings

2. a) What are the objective s of building byelaws? 7 M

b) When do you apply building laws? 7 M

3. What are the factors considered by planner prior to planning of a residential building? Explain one of them in detail? 14 M

4. a) What are the factors to be considered in the design of Industrial building? 7 M

b) Describe the important departments and facilities to be provided in the layout of general hospital. 7 M

5. a) Sketch the conventional signs of the following. 7 M
(i) Sand (ii) Rock (iii) Timber (iv) Plaster

b) Draw the neat sketch of one brick wall for Flemish bond?
7 M

PART – B

Answer any *ONE* question. 1 x 28 = 28 M

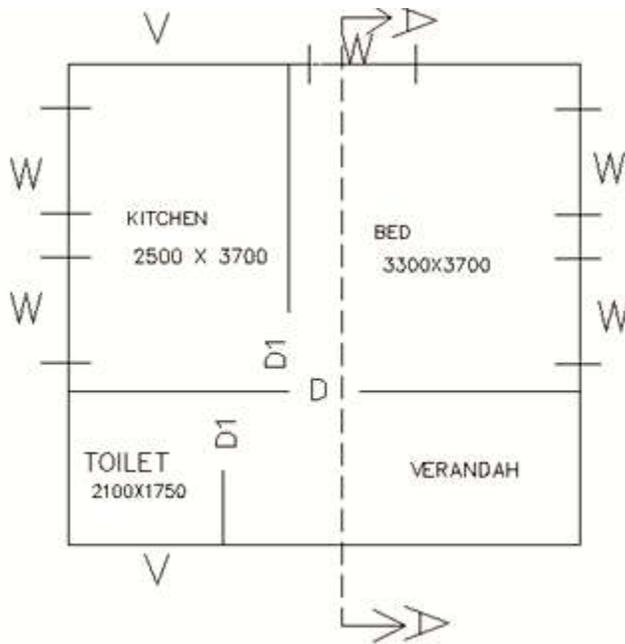
6. Draw a neat sketch or plan with appropriate specifications from Bureau of Indian Standards for the following data. Any missing information can be suitably assumed. A site of 20m×20m size of which one side is perfectly parallel to existing nearby National Highway. The residential building minimum requirements are 28 M

- a) Drawing hall
- b) Kitchen
- c) Master bed room
- d) Children bed room

(The plinth area can be provided based on the available site area)

7. Draw the plan, section and elevation of the given line diagram?

28 M



REFERENCE
D1-DOOR-900X1950
D-DOOR-800X1950
W-WINDOW PANELLED-1200X1000
V-VENTILATOR GLAZED-800X300