Code: CE4T5

II B.Tech - II Semester – Regular Examinations – May 2016

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. a) Explain about Aspect and Prospect of building.   7 M

   b) Explain about grouping in buildings.   7 M

2. a) What are principles underlying with building Byelaws?
                                                              7 M

   b) Explain the Floor Area Ratio and also in what way
      these are use full to a Civil Engineer?   7 M

3. Explain the minimum requirements for room dimensions of
   the residential buildings.   14 M

4. Explain the planning standards of banks and hospitals.   14 M

5. Draw the conventional signs for Rock, Timber, Stone and
Plan of one and half brick wall for an English bond.   14 M

PART – B

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

1. Plan a primary health center with a built up area of 100m^2 with necessary amenities. Draw plan and section of the building.   28 M

2. From the given line diagram with specifications draw the plan and section of singly storied office building. Assume suitable data for the foundation, doors, windows and wall thickness in super structure as norms.   28 M