

Code: 9A01405

B.Tech II Year II Semester (R09) Supplementary Examinations December/January 2014/2015

BUILDING PLANNING & DRAWING

(Civil Engineering)

Time: 3 hours

Max. Marks: 70

Part - A

(Answer any three questions, 3 X 14 = 42 M)

- 1 (a) Discuss the objectives of building bye laws.
 (b) Explain the building with respect to
 (i) Open space requirements (ii) Provision for lighting and ventilation.
- 2 (a) What are the factors which govern the theory for planning for residential building and explain?
 (b) Explain the significance of aspect and prospect for residential buildings.
- 3 (a) Describe the classification of buildings as per national building code and explain.
 (b) Differentiate between CPM and PERT.
- 4 (a) What are the points to be considered while selecting the site for any particular planning of educational building?
 (b) What are the resources for construction projects?
- 5 (a) Define the following:
 (i) CPM (ii) PERT (iii) Event (iv) Network (v) Arrow.
 (b) What are the advantages of CPM over PERT?

Part - B

(Answer any one question, 1 X 28 = 28 M)

- 6 (a) Draw the elevation, section of the following window
 (i) Glassed window (ii) Paneled window.
 (b) Draw the elevation of sloped roof of a building.
- 7 Figure shows the line drawing of a residential building. Draw to a suitable scale of the following.
 (i) Dimensional plan (ii) Section (iii) Elevation.


