

B.Tech II Year II Semester (R09/R13) Regular & Supplementary Examinations May/June 2016

BUILDING PLANNING & DRAWING

(Civil Engineering)

Time: 3 hours

Max. Marks: 70

PART – A

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

- 1 (a) What is the importance of building bye laws? Explain.
(b) What is meant by aspect, prospect, circulation and grouping? Explain its importance.
- 2 (a) Explain different characteristics of various types of residential buildings.
(b) Explain different standards and requirements of different rooms of a residential building.
- 3 (a) Explain different principles used while planning a hospital building in city.
(b) Draw a rough plan of office building in a city.
- 4 (a) Describe the importance of construction planning.
(b) Explain how the activity duration is calculated.
- 5 (a) What are the constraints of scheduling? Explain how each constraint affects scheduling.
(b) Explain the minimum standards for various parts of residential building.

PART – B

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

- 6 (a) Draw odd and even courses elevation and isometric view of English bond of one and half brick wall.
(b) Draw elevation and sectional plan of paneled window of size 1200 x 1000 mm size.
- 7 Draw plan and elevation and section for the given line diagram shown in figure by using suitable assumed dimensions.

