

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)

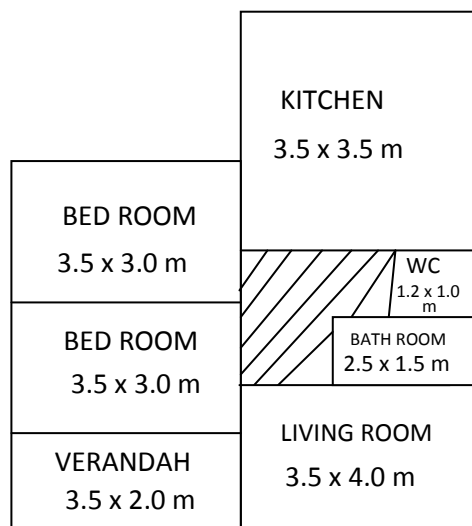
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- 1 (a) Discuss the objectives of building bye laws.  
(b) Explain the building with respect to  
(i) Open space requirements (ii) Provision for lighting and ventilation.
- 2 (a) What are the factors which govern the theory for planning for residential 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.



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