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S.E. (Civil) Semester- IV (Revised Course 2007-08)
EXAMINATION Nov/Dec 2019
Building Drawing - I

[Duration : Four Hours]

[Total Marks : 100]

Instructions:

1. Question no. 1 is compulsory.
2. Figure to the right indicate full marks allotted to the question
3. Give complete dimensions clearly
4. Assume any relevant data if required and state it clearly

- Q.1** Plan a(G+1) official residential house for Member of Parliament showing the details of all the required units. Use following data.
- d) Size of plot 340m²
 - e) A servants room and car park shall be housed in the same building
 - f) Use coverage of 60% and FAR 1.0, road are adjacent at two sides of the plot

Draw

- | | |
|--------------------------------------|----|
| iv. Plan(G+1) | 25 |
| v. Section passing through staircase | 15 |
| vi. Site plan and location plan | 15 |

- Q.2** Draw a perspective view of the residential house as in Q1. 15
- Or**
- Write a note on importance scope and use of perspective view drawing 15

- Q.3** Write a note on 15
- d) Cul de sac
 - e) Circulation as a planning aspect
 - f) Procedure for two point perspective drawing

- Q.4** Write a note on 15
- d) Energy efficient building
 - e) Air-conditioning in small building
 - f) Green buildings