

[5254]-7

B.E. (Civil)

**ARCHITECTURE AND TOWN PLANNING**

**(2008 Pattern) (Elective - I)**

*Time : 3 Hours]*

*[Max. Marks : 100*

*Instructions to the candidates:*

- 1) *Use separate answer sheets for Section one and two.*
- 2) *Assume suitable data if necessary*
- 3) *Solve Q1 or Q2, Q 3 or Q4, Q5 or Q6 from Sec. - I and Q7 or Q8, Q 9 or Q10, Q11 or Q12 from Sec. - II.*

**SECTION - I**

- Q1)** a) What is the impact of elements on architectural composition? [9]
- b) How and why water body conservation & creation is responsible for benefitting the users in an area? Explain with a suitable example. [8]

OR

- Q2)** a) Explain in detail difference between the vision for the development of a city by a town planner and a project by an architect. [9]
- b) Elaborate different garden styles. [8]

- Q3)** a) What is the necessity of the concept “Built Environment” to be promoted in megacities. [9]
- b) Enlist the parameters on which Quality of Life is based and establish the relation of the same with Urban Renewal proposal. [8]

OR

- Q4)** a) Explain the significance of the prevailing byelaws for enriching the spaces and hence to arrive at a beautiful “Built Environment”, within a town.[8]
- b) Mention clearly the differences between URBAN DESIGN & URBAN RENEWAL. [9]

**P.T.O.**

- Q5) a)** Enlist various sustainable technologies and explain the advantages and usage of the same. [8]
- b) Enlist and elaborate aspects contributing for designating a building as a “Green Building”? [8]

OR

- Q6) a)** Write a short note on : Advantages and usage of sustainable materials. [8]
- b) Write a short note on any one “Green build case study.” [8]

### **SECTION - II**

- Q7) a)** Explain different theories of developments ; draw suitable sketches. [9]
- b) Explain the concept new towns : by giving suitable example. [8]

OR

- Q8) a)** Explain the contribution of three town planners for deciding different levels of development. [9]
- b) Write short notes on : town planning scheme and mention appropriate examples. [8]

- Q9) a)** Elaborate the types of surveys and the importance of the same while finalizing DP Proposal. [9]
- b) Explain in depth various urban road objectives and importance of traffic management. [8]

OR

- Q10)a)** Explain various levels of Planning and elaborate the common thread between them. [9]
- b) Explain various junctions in road network and elaborate importance of traffic management. [8]

**Q11)a)** Write short notes on : **[8]**

i) LA Act

ii) MHADA.

**b)** Elaborate applicability of modern tools for **[8]**

i) disaster management

ii) traffic regulation

OR

**Q12)a)** Write a short note on: SEZ, giving its status in our country. **[8]**

**b)** Elaborate applicability of modern tools for : **[8]**

i) Land Use Analysis

ii) Traffic management

