

Total No. of Questions : 12]

SEAT No. :

**P1510**

**[4759]-7**

**[Total No. of Pages : 3**

**B.E. (Civil)**

**ARCHITECTURE AND TOWN PLANNING**

**(2008 Pattern) (Semester - I) (Elective - I) (401004)**

*Time : 3 Hours]*

*[Max. Marks :100*

*Instructions to the candidates:*

- 1) *Use separate answer sheets for Section I and II.*
- 2) *Assume suitable data if necessary.*
- 3) *Solve Q1 or Q2, Q3 or Q4, Q5 or Q6 from Section I and Q7 or Q8, Q9 or Q10, Q11 or Q12 from Section II.*

**SECTION - I**

- Q1) a)** What is the difference between the vision of a town planner and an architect while development of town? **[9]**
- b) Write a short note on garden styles: modern and historical. **[8]**

OR

- Q2) a)** Explain in detail different elements of design and mention the effectivity of the same on architectural composition giving suitable examples. **[9]**
- b) How and why water body conservation and creation is responsible for the development of an area; explain with suitable example. **[8]**
- Q3) a)** Explain the importance of the prevailing building byelaws for enriching the spaces and hence to arrive at a beautiful “Built Environment”, within the town. **[9]**
- b) Explain the differences between URBAN DESIGN & URBAN RENEWAL with appropriate examples. **[8]**

OR

**P.T.O.**

**Q4)** a) What is the need of the concept “Built Environment”, in development of megacities. [8]

b) Enlist the parameters on which Quality of Life is based and establish the relation of the same with Urban Renewal proposal. [9]

**Q5)** a) Write a short note on: Advantages and usage of sustainable materials. [8]

b) What aspects contribute for designating a building as a “Green Building”? [8]

OR

**Q6)** a) Enlist different sustainable technologies and explain the advantages and usage of sustainable technologies. [8]

b) Write a short note on any “Green build case study”. [8]

## **SECTION - II**

**Q7)** a) Explain about the contribution of different town planners. [9]

b) Write short notes on: town planning schemes and garden city with appropriate examples. [8]

OR

**Q8)** a) Explain various theories of developments (ribbon, sector etc) with the help of suitable sketch. [9]

b) Explain the concept new towns; giving suitable example. [8]

**Q9)** a) Explain various levels of Planning and which is the common thread between them as regards execution is concerned. [9]

b) Explain with neat sketches various junctions in road network and elaborate importance of traffic management. [8]

OR

**Q10)a)** Elaborate different types of surveys and the importance of the same while finalizing DP Proposal when you are working as a planner. [9]

b) Explain various urban road objectives and importance of traffic planning. [8]

**Q11)a)** Write a short note on: SEZ, giving its status in India. [8]

b) Elaborate applicability of modern tools for [8]

i) Land Use Analysis

ii) Traffic management.

OR

**Q12)a)** Write short notes on [8]

i) LA Act

ii) MHADA

b) Elaborate applicability of modern tools for [8]

i) Disaster management

ii) Landscape planning

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