

Total No. of Questions : 12]

SEAT No. :

P3298

[Total No. of Pages : 3

[4959]-7

**B.E. (Civil)**

**ARCHITECTURE AND TOWN PLANNING**

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

*Time : 3 Hours]*

*[Max. Marks : 100*

*Instructions to the candidates:*

- 1) Use separate answer sheets for Section-I and Section-II.*
- 2) Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6 from Section- I and Q.7 or Q.8, Q.9 or Q.10, Q.11 or Q.12 from Section-II.*
- 3) Assume suitable data if necessary.*
- 4) Figures to the right indicate full marks.*

**SECTION - I**

- Q1)** a) “The design and planning of any structure depends upon architectural factors and composition”. Justify the statement. [9]
- b) Elaborate two garden styles in detail. [8]

OR

- Q2)** a) Why water body conservation is important? Give the reference of any case study. [8]
- b) What are environmental filters? Elaborate the importance of the same in relation with urban design. [9]

- Q3)** a) What is the relation between urban renewal and built environment? Elaborate considering 4 aspects. [9]
- b) What is redevelopment? How it differs from urban renewal? [8]

OR

- Q4)** a) What is liveability? How it is related with urban renewal? [8]
- b) How Quality of life and liveability of an area are interlinked? Elaborate with an appropriate example. [9]

**P.T.O.**

- Q5)** a) Why sustainable materials are gaining more importance? Give an appropriate example. [8]  
b) Enlist different rating systems; elaborate any two. [8]

OR

- Q6)** a) “Sustainable Technologies : Need of the hour”. Justify the above statement by giving two examples. [8]  
b) Give the details of any case study of rated buildings under any one rating system. [8]

## **SECTION - II**

- Q7)** a) Elaborate the concept of “New Towns”. [8]  
b) Write a short note on : [8]  
i) Ribbon development  
ii) Concentric development

OR

- Q8)** a) Write a short note on “development theories”. [8]  
b) Explain in detail - “Town Planning Schemes”. [8]
- Q9)** a) Elaborate the need of planning agencies and its impact on various levels of planning. [9]  
b) What is traffic management? State its impact on function of a Town. [8]

OR

- Q10)** a) What is the purpose and scope of City Development plan ? Explain in detail. [8]  
b) Classify the traffic volume. Mention the impact of the same on traffic management by giving an appropriate example. [9]

**Q11)** a) How to use UDPFI guidelines for finding water supply of a town and land use detailing. [8]

b) Write a short note on application of recent tools in town planning. [9]

OR

**Q12)** a) Write a short note on SEZ. [8]

b) Why GIS, GPS and RS play a vital role in developmental process of a city? [9]

