

B.E. (Civil)

ARCHITECTURE AND TOWN PLANNING
(2008 Pattern) (Semester - I) (Elective - I) (401004 D)

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, Q3 or Q4, Q5 or Q6 from Sec. I and Q7 or Q8, Q9 or Q10, Q11 or Q12 from Sec. II.*

SECTION-I

- Q1) a)** State the differences between the vision for the development by a town planner and an architect. **[9]**
- b)** Elaborate different garden styles. **[8]**

OR

- Q2) a)** Explain in detail the elements of design and mention the impact of these on architectural composition by giving suitable examples. **[9]**
- b)** Why and How water body conservation & creation is responsible for the development of an area? Explain with a suitable example in your area. **[8]**

- Q3) a)** Explain the importance of the prevailing byelaws for enriching the spaces and hence to arrive at a beautiful “Built Environment”, with in a town. **[9]**
- b)** State the differences between URBAN DESIGN & URBAN RENEWAL. **[8]**

OR

- Q4) a)** Explain the necessity of the concept “Built Environment”, in relation with development of metrocities. **[8]**
- b)** Enlist the factors 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)** Enlist and elaborate aspects contributing for designating a building as a “Green Building”? **[8]**

OR

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- Q6) a)** Enlist different sustainable technologies and explain the advantages and usage of any two. [8]
- b)** Write a short note on any one “Green building in India”. [8]

SECTION-II

- Q7) a)** Explain the contribution of any three town planners for deciding the levels of development. [9]
- b)** Explain “town planning scheme and garden city”. with appropriate examples. [8]

OR

- Q8) a)** Explain different theories of developments with the help of suitable sketch [9]
- b)** Explain the concept of new towns: by giving appropriate example. [8]

- Q9) a)** Explain different levels of Planning and elaborate the common thread between them as regards execution is concerned. [9]
- b)** Explain various junctions in road network and elaborate importance of traffic management. [8]

OR

- Q10)a)** Elaborate different categories of surveys and the importance of the same while finalizing DP Proposal when you are working as a planner. [9]
- b)** Explain different urban road objectives and importance of traffic management in achieving the same. [8]

- Q11)a)** Write a short note on : SEZ, giving the status in India. [8]
- b)** Elaborate applicability of modern tools for : i) Land Use Analysis
ii) traffic management. [8]

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OR

- Q12)a)** Write short notes on i) LA Act ii) MHADA. [8]
- b)** Elaborate the applicability of modern tools for : i) disaster management
ii) traffic regulation. [8]

