

Total No of Questions: [XII]

SEAT NO. :

[Total No. of Pages : 2]

B.E. Civil- (2008 course) (Architecture and Town Planning)
(Elective - I)

Time: 3 Hours

Max. Marks : 100

Instructions to the candidates:

- 1) Answers to the two sections should be written in separate answer books.
- 2) Answer Q1 OR Q2, Q3 OR Q4, Q5 OR Q6 from SECTION I Q7 OR Q8, Q9 OR Q10, Q11 OR Q12 from SECTION II
- 3) Neat diagrams must be drawn wherever necessary.
- 4) Figures to the right side indicate full marks.
- 5) Use of Calculator is allowed.
- 6) Assume Suitable data if necessary

SECTION I

- Q1) a) How different factors in architecture influence the design and planning? [9]
b) Explain the effectivity of water body conservation in todays context [8]
- OR**
- Q2) a) Explain the importance of environmental filters in urban design. [9]
b) Write a short note on different garden styles. [8]
- Q3) a) Explain the necessity of Built environment in urban areas [8]
b) Explain the effectivity of urban renewal stating the aspects for the same. [9]
- OR**
- Q4) a) Explain the concept: enriching the spaces as per functional needs within an area to be developed. [8]
b) Explain the effectivity of urban renewal for livebility [9]
- Q5) a) Explain the Advantages and usage of sustainable materials. [8]
b) Write a short note on Green build rating systems. [8]
- OR**
- Q6) a) 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 in detail : different stages in town development [9]
b) Write short note on : town planning schemes and garden city [8]
- OR**
- Q8) a) Explain the concept new towns ; giving suitable example . [9]
b) Explain : ribbon, concentric developmental theories [8]

- Q9) a) Explain the concept City development plan, its Scope & purpose [8]
b) Explain and elaborate the need of planning agencies for various levels of planning. [9]

OR

- Q10) a) Explain the classification of traffic and elaborate importance of traffic management. [8]
b) Write a short note on functioning of CIDCO. [9]

- Q11) a) Explain the UDPFI guidelines (for land use, infrastructure) [8]
b) Write a short note on : Application of GIS in relation with planning. [8]

OR

- Q12) a) Write a short note on : SEZ and explain causes of failure. [8]
b) Write a short note on : Application of GPS & Remote Sensing in planning. [8]