

CBCS SCHEME

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15ARC76

Seventh Semester B.Arch. Degree Examination, Feb./Mar. 2022 Urban Design

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 The perpetual dimension of reading as city; as explained by "Kevin Lynch", engages a viewer to perceive a city is fire overpowering elements. Elaborate on these elements and quote example on how one would perceive each of these in city. (20 Marks)

OR

- 2 a. The idea of "Serial vision" was instigated by Gordon Cullen as an important tool to study the visual dimension of a place. Explain the same using relevant sketches. (10 Marks)
b. Elaborate and write short notes on any two terms used in urban context.
i) Morphology
ii) Urban fabric
iii) Cadastral map. (10 Marks)

Module-2

- 3 The clarity in social dimension of a city enables one to identify clearly the space through society set up. Explain in detail the key aspects of social dimension, in an urban context. (20 Marks)

OR

- 4 Explain these aspects in relevance to the socio-cultural aspect from the theories. (Any two)
i) The concept of public realm and socio-cultural dimension
ii) The idea of neighborhood and as explained by the urban theories.
iii) The idea of safety and security as explained with the mixed use developments. (20 Marks)

Module-3

- 5 a. What is urban morphology? Explain the same with relevant example. (10 Marks)
b. What is the impact of zonal regulations and By-laws on the scale of the street and morphology. (10 Marks)

OR

- 6 a. Discuss in detail the theory of "Collective memory" of a place as explained by Aldo Rossi with relevant examples. (10 Marks)
b. What are the different connecting patterns of street networks? How does a good system of street hierarchy influence a city? Is street hierarchy boon or a bane in urban planning? (06 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

Module-4

- 7 What are the key components of a good city as explained by Kevin Lynch? Discuss the factor of "SENSE" in detail and how it impacts formulation of a "GOODCITY". (20 Marks)

OR

- 8 a. What is "temporal urbanism"? (05 Marks)
b. Explain through an example or a case study, how a street becomes the stage or centre for activities, which are temporal in nature with regards to an urban setting. (15 Marks)

Module-5

- 9 a. What is workability? With respect to urban context. (05 Marks)
b. Define and argue how urban planning and health and hygiene of a city are inter-related. (15 Marks)

OR

- 10 Comment on the realm and scope of urban design, how flexible space planning and technology influence the planning of an existing city centre. Engage in a step-by-step process of how one would document and implement the design solutions at the central core of a city. (20 Marks)
