

Urban Design Module Bank of Questions

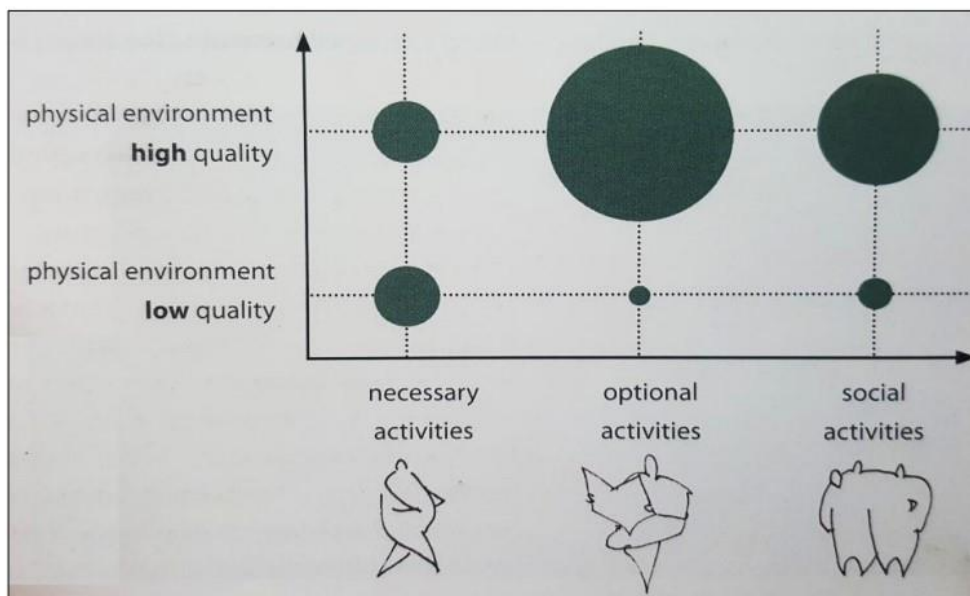
1. Define Urban Design and explain the main goals of it
2. Explain the main Values and Benefits of Urban Design
3. Explain Transportation as one of the urban design elements and How varies types of transportation effect the city to be the best city?
4. make difference between Boulevard and Main streets
 - i. Boulevard
5. Define public spaces and its effect on the cities live?
6. Explain Visual appreciation of urban environments:
7. Explain briefly the attributes of general public's preferable environments ("liked" environments") which identified by Jack Nasar (1998)
8. Explain briefly the four distinct components that transcend time and culture which argues by Smith (1980):
9. Explain the difference between sense of rhyme and rhythm in visual dimensions with sketches:
10. Explain the concept of 'serial vision' and the arguments of Gordon Cullin (1961) in visual dimensions :

11. What we mean by perception, and what is the role of perceptual dimension in urban design?
12. Define place image and factors which effect on creating the image of place?
13. What is the difference between perception and sensation?

14. Define five elements of the city which identified by Kevin Lynch

15. What are the required attributes of environmental image which were identified by Lynch?
16. Define image-ability? And Define legibility?
17. What is the difference between image-ability and legibility?
18. Three ways of expressing a building's function or meaning have been identified by American architect (Robert Venturi), explain them.
19. Define place. And Define placelessness.
20. What are the Factors which contribute towards contemporary sense of placelessness? Explain.
21. Explain the meaning of place marketing.
22. What is the importance of iconic buildings in the city?
23. Depending on extent of existing source material, place theming can involve reinventing or inventing places. Explain which one is more successful one.

24. What are the issues of Invented places and place theming for urban design and place-making?
25. Define following terms: Urban Morphology, Typo morphology, Type, Urban Form.
26. What are different thoughts in urban morphology?
27. What are variables that significantly affect the urban form?
28. What are the objectives of urban morphology?
29. What are schools of urban morphology? Explain about only one. Illustrate by sketch and diagram
30. what is Morphology and typology (typo morphology)? Illustrate with sketch.
31. What is the relationship between people and urban space?
32. How urban space influences behaviour?
33. Jan Gehl (1996) adopted a probabilistic approach to understanding how urban design influences behavior. He divided the outdoor activities into some categories. Mention and explain in detail.
34. what is the application of Maslow's Hierarchy of Needson urban space?
35. give an appropriate interpretation to following diagram:



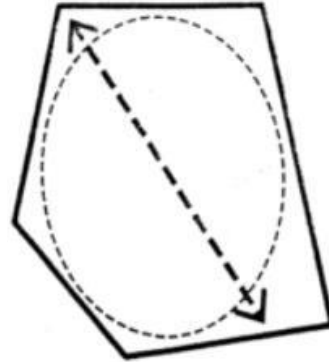
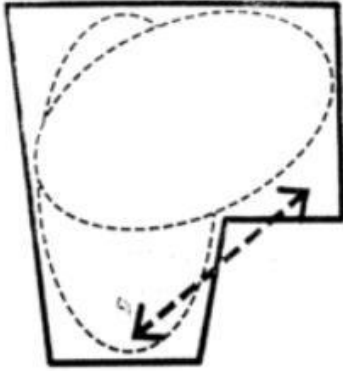
36. How the built environment can be thought of as relating to people? Describe in short.
37. Fill in the blanks:
 - a. The Lefebvre's idea of production of space is based on.....which, runs his trait to product of space. He focused in his researches on
 - b. Amos Rapoport 1977 refers to the built environment as.....

- c. Maslow's Hierarchy of Needs suggests that the essential factors in motivating behaviour are:
 1-..... 2-3-.....
 4..... 5-
- d. 'Greatly simplified' outdoor activities in public spaces can be divided into three categories:.....,,
- e. The relative publicness of space can be considered in terms of three qualities: THE PUBLIC REALM in cities 1-- 2-..... 3-
- f.andrepresent two main approaches to crime prevention.
- g. The temporal dimension of urban design focuses

- 38 Show the Benefits & Values of Public Realm in a diagram?
- 39 The control of urban space can be achieved by some regulations and techniques. Numerate and explain in short.
- 40 How do we experience the passage of time in the urban environment?
- 41 Discusses the aspects of urban design's temporal dimension?
- 42 Discuss The main time cycles which temporal dimension can be based on? which factors can be changed and how?
- 43 what is the 24 hours Society?
- 44 There are three kinds of public realm: Define them , give some local example of each one of them by using sketches.
- 45 What are the ways that design can support neighborhood diversity? list six ways, support your answer with examples and sketches.
- 46 Lynch recognized five elements of mental map :Define his theory , What are those elements, Sketch each of them , Give a local an example from Erbil city for each element by using sketches.
- 47 Which effects have the implementation of sustainable principles on urban form? Please name some of them!
- 48 What is sustainable urban design?
- 49 Please write the main Sustainable Urban Design principles!
- 50 Please name the main forms of sustainable transport types in the city! And why are these factors environmentally friendly?
- 51 define The following Superblock, serial vision Visual , appreciation , Sustainable urban development
- 52 explain with appropriate sketches what do we mean by the serial vision

53. Compare between each pair of figures in term of what kind of urban design aspects they present

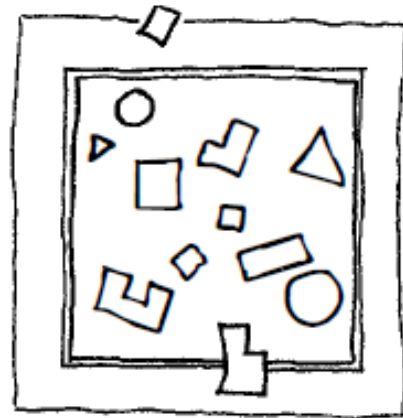
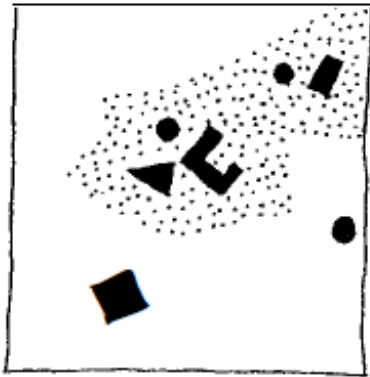
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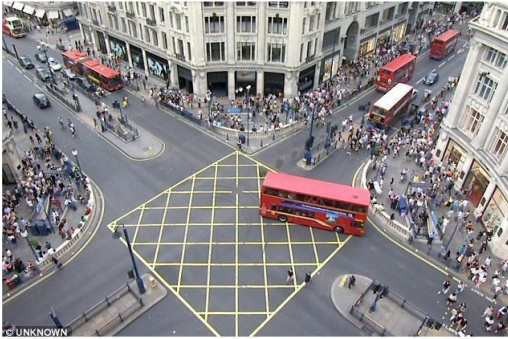
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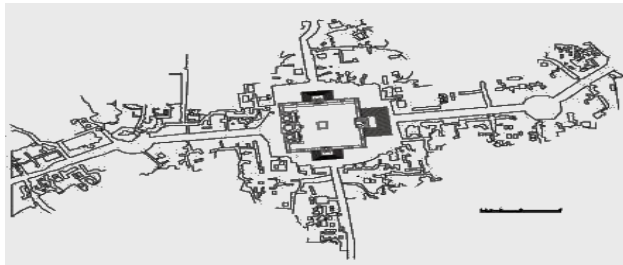
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- 54. There are three kinds of public realm: Define them and give some local examples of each one.**
- 55. What are the main forms of sustainable transport types in the city? Explain briefly, why are these types considered environmentally friendly?**
- 56. Define only (5) five of the following Urban Terms, enhanced by sketches if it's possible:
Land Mark, Urban Pattern, Sustainable Urban Design, Serial Vision, Centre of Public Space, Active Engagement, Superblock, Legibility in Urban Design.**
- 57. Enhanced and illustrated by appropriate sketches, define the physical elements and the variables that would define urban form.**
- 58. What does the organization of the urban townscape mean? Mention the elements of this organization, and explain details of one element enhanced by sketches.**
- 59. What are the five attributes of general public's preferable environments ("liked" environments) which were identified by Jack Nasar (1998)? Explain one attribute enhanced by sketches.**
- 60. Define urban public spaces and identify the main primary needs in public spaces.**
- 61. Explain briefly 'Theory of Human Motivation' by Abraham Maslow (1943) and the main factors which he suggested.**
- 62. Define urban composition, explain the main factors which effecting on it and count four different types of urban composition .enhance your answer with sketches.**
- 63. Clarify the difference between Sense of rhyme, pattern and Appreciation of rhythm in visual dimension. Enhance your answer with sketches.**

64. What are elements of urban design? Mention and briefly explain 2 of them.
65. What is Place Image? What are the attributes of environmental image according to Lynch?
66. Define Urban Morphology, what are the elements of it, and explain only one of the elements, enhanced by sketches if it is possible.
67. What do we mean by Time cycles in temporal dimension of urban design? Discuss with examples.
68. Define Pod Development, mention the uses of the pods and discuss briefly with examples.
69. Explain the role of The Center and The Edge in designing and using successful public spaces, give examples.
70. What is the application of Maslow's Hierarchy of Needs on urban space?
71. Define Urban Form. What are different thoughts on urban form? Explain, enhanced with sketches and examples.
72. What are the aspects of urban design's temporal dimension? Discuss.
73. Define place lessness. What are the Factors, which contribute towards contemporary sense of place lessness? Explain.
74. There are different approaches and theories related to the sustainable urban development (SUD) under different terminologies but they share the same aim; mention five of these theories and write the main aim of (SUD).
75. Explain Transportation as one of the urban design elements.
76. Explain the concept of 'serial vision' and the arguments of Gordon Cullin (1961) in visual dimensions.
77. Define sidewalks and mention their principles.
78. Mention advantages and characters of angles and Level change as types of Rout line townscape element.
79. What is The Concept of Integration and it's types in Urban Design, Explain?
80. Define open space, what is the function of open spaces in developed cities? Give Examples.

81. What is the role of active engagement as a primary need in identifying public spaces?
82. How Gordon Cullen (1961) conceived the concept of 'serial vision'?
83. What is the purpose of Shared Spaces in morphological dimension? How we can achieve these spaces, give examples and support your answer with sketches.
84. Define urban public spaces and identify the main primary needs in public spaces.
85. Explain briefly 'Theory of Human Motivation' by Abraham Maslow (1943) and the main factors which he suggested.
86. Clarify the difference between Sense of rhyme, pattern and Appreciation of rhythm in visual dimension. Enhance your answer with sketches.
87. What are elements of urban design? Mention and briefly explain two of them.
88. What is Place Image? What are the attributes of environmental image according to Lynch?
89. What do we mean by Time cycles in temporal dimension of urban design? Discuss with examples.
90. Define Pod Development, mention the uses of the pods and discuss briefly with examples.
91. Redevelopment is one of the main policies of urban renewal. Explain
92. Paths and Edges are two different elements of Keven lynch's approach. Explain
93. The impact of local and foreign transactions on the street life. Explain
94. Distinction between sensation and perception. Explain
95. Plot pattern as an urban form element. Explain
96. What is Place Image? What are the attributes of environmental image according to Lynch?
97. What do we mean by Time cycles in temporal dimension of urban design? Discuss with examples.
98. Define Pod Development, mention the uses of the pods and discuss briefly with examples.

- 99. What are schools of urban morphology? Explain about only one. Illustrate by sketch and diagram.**
- 100. What are the advantages of these types of EDGE as a townscape element, give examples, enhanced by sketches (Chasm; Porch; Overhang; Arch)?**
- 101. How do we experience the passage of time in the urban environment?**
- 102. Mention only (10) Elements of Street Scape Design, Explain briefly one element with sketches.**
- 103. Define sustainable urban development and mention the main aspects of sustainable urban design. Explain briefly.**
- 104. Explain three of the following factors of Integration concept (enhance by sketches): (Street patterns and block and plot sizes; Siting; Size/massing; Building scale)**
- 105. Show the Benefits & Values of Public Realm in a diagram.**
- 106. The difference between sense of rhyme and rhythm in visual dimensions with sketches.**
- 107. Make difference between Boulevard and Main streets.**
- 108. Distinction between sensation and perception.**
- 109. Characteristics of active frontage and blank frontage.**

