

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: B.ARCH
BRANCH: ARCHITECTURE**

**SEMESTER: IX
SESSION: MO/2022**

SUBJECT: AR501 URBAN DESIGN

TIME: 2 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 25.
 2. Candidates attempt for all 25 marks.
 3. Before attempting the question paper, be sure that you have got the correct question paper.
 4. The missing data, if any, may be assumed suitably.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q1 (a)	Explain the following terms: Urban Morphology, Urban Fabric, Urban Texture & Urban Form.	[2] CO2	Knowledge
Q1 (b)	Urban Planning and Urban Design are two different subjects but are closely related to one another. Comment on the statement elucidating the difference and explain with the help of an example.	[3] CO2	Comprehension
Q2 (a)	Briefly comment on the urban design theory of Jane Jacobs & Christopher Alexander.	[2] CO2	Knowledge
Q2 (b)	Take an example of a city/neighborhood/ urban area and explain the elements of urban design with sketches.	[3] CO3	Analysis
Q3 (a)	Inclusivity is an important parameter in designing public places. Explain the role of urban design in addressing the issue.	[2] CO1 & CO3	Application
Q3 (b)	Briefly explain the problems of the modern urban design.	[3] CO2	Comprehension
Q4 (a)	Explain the difference between Visual Survey and Physical Survey.	[2] CO2	Knowledge
Q4 (b)	What are the elements which makes a City legible as per Kevin Lynch? Explain with sketches how it helps in mental mapping of an Urban Setting.	[3] CO2	Knowledge & Analysis
Q5 (a)	What are Peri-urban areas? What are the functions of a streetscape design and explain the goals towards streetscape design.	[2] CO2 & CO3	Knowledge & Comprehension
Q5 (b)	Discuss the significance of Urban Lighting and Urban Landscape.	[3] CO2 & CO3	Knowledge & Comprehension

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