

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

**CLASS: MUP
BRANCH: ARCHITECTURE**

**SEMESTER : II
SESSION : SP/2024**

SUBJECT: AR657 URBAN DESIGN

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data handbook/Graph paper etc. to be supplied to the candidates in the examination hall.
 6. Support the answers with sketches, wherever required.
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		CO	BL
Q.1(a)	Explain the following terms. (a) Urban Structure (b) Urban Morphology	[5] 2	2
Q.1(b)	Discuss the various origin points of medieval European cities. Enumerate the prominent features that define the urban form of these cities.	[5] 1	1
Q.2(a)	Outline the various traditions of thought in urban design. Discuss <u>any one</u> in detail with suitable examples.	[5] 2	2
Q.2(b)	Explain the following terms. (a) Centrifugal fragmentation (b) Placelessness	[5] 2,3	2
Q.3(a)	Enumerate the importance of behaviour observation and character appraisal in urban design.	[5] 2,3	3
Q.3(b)	Discuss the qualities and characteristics of successful public places.	[5] 1	2
Q.4(a)	Appraise Kevin Lynch's "Image of the City" and "Mental Mapping" considering the observer's perception.	[5] 2	3
Q.4(b)	Explain the different typologies of activities as per Jan Gehl. Discuss the impact of the quality of the physical environment on these activities.	[5] 1	1
Q.5(a)	Explain the following terms. (a) Woonerf (b) Genius Loci	[5] 1,3	1
Q.5(b)	Discuss the hierarchy of spatial types based on "scale". Support with suitable examples.	[5] 1	2

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