

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

CLASS: MUP
BRANCH: ARCH

SEMESTER : I
SESSION : MO/2022

SUBJECT: AR603 URBAN DESIGN

TIME: 3:00 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 hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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- Q.1(a) Discuss the need and scope of urban design. [5]
Q.1(b) Enumerate the characteristics of Greek cities. List down the various urban components. [5]
- Q.2(a) Explain with suitable examples [5]
a) Urban morphology
b) Scale in Urban design
- Q.2(b) What do you understand by “Mental Mapping”. Explain how a city’s image and its elements are formed through mental maps. [5]
- Q.3(a) Discuss ped-shed analysis and its importance in urban design projects. [5]
Q.3(b) Explain the following [5]
a) The Visual artistic tradition
b) The Social usage tradition
- Q.4(a) What are the qualities of successful public places? Select any one public place in Ranchi and discuss its pros and cons in terms of design. [5]
Q.4(b) Enumerate the importance of “symbolism and meaning” in urban spaces. Explain the different levels of meaning as suggested by Amos Rapoport. [5]
- Q.5(a) Explain how human eye’s field of vision affects the perception of scale. [5]
Q.5(b) In the study of ward 20, discuss the methodology followed for conducting the study. [5]

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