

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

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

**SEMESTER: VIII/ADD
SESSION : SP/2020**

SUBJECT: MUP3109 CITY & METROPOLITAN PLANNING

TIME: 2 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
 2. Candidates may attempt for all 30 marks.
 3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. The missing data, if any, may be assumed suitably.
 6. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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|----|-----|---|-----|
| Q1 | (a) | Define urbanization? | [2] |
| Q1 | (b) | Discuss various characteristic of urbanization? | [3] |
| Q2 | (a) | What is urban area as per census 1971 definition? | [2] |
| Q2 | (b) | Mention the different classes of town based on size of population? | [3] |
| Q3 | (a) | What is urban growth? | [2] |
| Q3 | (b) | Urban growth leads to urbanization which in turn leads to some changes in urban areas. Mention at least five important changes which have positive impact on urban areas. | [3] |
| Q4 | (a) | Explain the rationale behind concentric zone model with sketch. | [2] |
| Q4 | (b) | Brief the concept of Multi-nuclei model and its applicability in modern cities. | [3] |
| Q5 | (a) | Discuss the generating role of primate city. | [2] |
| Q5 | (b) | Discuss the concept of rank-size rule. Who introduced the concept of rank size? | [3] |
| Q6 | (a) | What is metropolitan area as defined by constitution (74 th Amendment) Act 1992. | [2] |
| Q6 | (b) | Define outgrowth and urban agglomeration. | [3] |

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