

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

CLASS: B.Arch  
BRANCH: Architecture

SEMESTER : 9  
SESSION : MO/2025

SUBJECT: AR502 HUMAN SETTLEMENT PLANNING

TIME: 02 Hours

FULL MARKS: 25

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
- 

|        |   |     |     |     |
|--------|---|-----|-----|-----|
| Q.1(a) | State the elements of the origin of early human settlements and factors responsible for it                        | [2] | CO3 | BL1 |
| Q.1(b) | Discuss the principals of Human Settlement of cities and towns during Chinese and Greek civilization.             | [3] | CO2 | BL2 |
| Q.2(a) | What are the major city forming and city serving functions performed by a city?                                   | [2] | CO1 | BL1 |
| Q.2(b) | Elaborate on Lewis Mumford's concept of various types of cities and the problems which lead to decline of cities. | [3] | CO4 | BL2 |
| Q.3(a) | Discuss the following with an example of each type:<br>(i). Urbanization process, (ii) Conurbations               | [2] | CO1 | BL1 |
| Q.3(b) | Explain the concept of "Dynapolis" and "Ekistics" as proposed by C.A. Doxiadis.                                   | [3] | CO5 | BL2 |
| Q.4(a) | Explain any one concept of town planning as advocated by Le Corbusier.  | [2] | CO2 | BL1 |
| Q.4(b) | Write a descriptive note on growth dynamics of urban human settlements.   | [3] | CO4 | BL1 |
| Q.5(a) | Write a note on the development of the concept of 'Sustainability' in global context.                             | [2] | CO3 | BL1 |
| Q.5(b) | Discuss the concept of 'Zoning' and its demerits  | [3] | CO1 | BL1 |

:::::18/09/2025 :::::M