

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

CLASS: B.Arch
BRANCH: Architecture

SEMESTER : VII/ADD
SESSION : MO/2025

SUBJECT: AR401 HOUSING & SETTLEMENT SYSTEMS

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
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|--------|---|-------|-----|
| Q.1(a) | Explain any 2 housing typologies in detail. | [2] 1 | 1 |
| Q.1(b) | Define Co-operative Societies. Enumerate the different types of housing societies. | [3] 2 | 1 |
| Q.2(a) | Differentiate between low-income and affordable housing. | [2] 2 | 2 |
| Q.2(b) | Discuss the housing scenario in India. | [3] 4 | 1,2 |
| Q.3(a) | Outline the impact of liberalization of the economy on the housing sector. | [2] 2 | 2 |
| Q.3(b) | City X, with a population of 38,609 in 1991, increased by 23.7% in 2011. Further, between 2011 and 2021, the birth rate was 5.5%, the death rate was 3.4%, immigration was 3400, and emigration was 4789. Calculate the population in 2021. | [3] 5 | 3 |
| Q.4(a) | Explain the need for population projection. | [2] 1 | 2 |
| Q.4(b) | Outline the various methods for population projection. | [3] 1 | 1 |
| Q.5(a) | City Y is a medium-sized city with a varying growth rate. Project the population in 2035 and 2045. | [5] 5 | 3 |

Year	Population
1975	160600
1985	175409
1995	198540
2005	210468
2015	245607

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