

B.Arch. Supplementary Examination 2023
(4th Year, 2nd Semester)
INTRODUCTION TO URBAN & REGIONAL PLANNING

Full Marks: 100

Time: 3 Hours

The figures in the margin indicate full marks

Question No.1 is compulsory and to answer any five from the remaining questions

Q1.

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| (a) (i) Infrastructure Planning. | 05 |
| (ii) Census Towns | 05 |

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| (b) The population for a Town is as given below | 10 |
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1971 – 38284

1981- 49909

1991 –67105

2001- 92367

2011 - 112405

Calculate the projected population for the year 2021 by the following method

1. By Incremental Increase Method
 2. By Geometric Increase Method
 3. By Arithmetic Increase Method
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| (c) Gross density of any area is 250 persons/ha. Net density of the same area is 480 person/ha. Total area of the site is 550 ha.
What will be the area under non-residential? | 5 |
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Q2.

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| ii. Explain the Planning concepts proposed by Patrick Geddes in Urban Planning | 7.5 |
| iii. Highlight the contribution of Ebenezer Howard in Urban and City Planning | 7.5 |

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| Q3. (a) Write short notes on: Any 3 (5 x3=15) | 15 |
| (i) Concept of Woonerf and its importance | |
| (ii) concept of TDR | |
| (iii) Radial Sector Theory | |
| (iv) Development Controls | |
| (v) Urban Agglomeration | |