

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

**CLASS: MUP
BRANCH: ARCHITECTURE & PLANNING**

**SEMESTER : I
SESSION : MO/2022**

SUBJECT: AR601 INTRODUCTION TO TOWN AND REGIONAL PLANNING
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) How are common people involved in planning? How planning is a decision-making exercise? | [2] |
| Q.1(b) Explain the formulation of goals for a planning problem. | [3] |
| Q.1(c) Evaluate the levels of planning in India discussing their interrelationship. | [5] |
| Q.2(a) Differentiate between the Structure Plan and Zonal Plan. | [2] |
| Q.2(b) Describe the philosophy of Sir Ebenezer Howard in the context of town planning. | [3] |
| Q.2(c) Appraise the principles of planning of Patrick Geddes with examples from the Indian context | [5] |
| Q.3(a) Elaborate the advantages of Multiple Nuclei Model. | [2] |
| Q.3(b) Describe the Planning Model of Homer Hoyt. | [3] |
| Q.3(c) Identify the advantages and limitations of the Central Place Theory. | [5] |
| Q.4(a) Elaborate the concept of Region. | [2] |
| Q.4(b) What are the methods for classification of regions? Provide the classification of Regions. | [3] |
| Q.4(c) Elaborate the delineation techniques for various types of regions? | [5] |
| Q.5(a) Summarise the applications of the Gravity Model? | [2] |
| Q.5(b) State the concept of Garin Lowry Model. | [3] |
| Q.5(c) Critically appraise the formulation of National Capital Region. | [5] |

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