

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

CLASS: MUP
BRANCH: ARCHITECTURE

SEMESTER : I
SESSION : MO/18

SUBJECT: AR601-INTRODUCTION TO TOWN AND REGIONAL PLANNING
TIME: 03:00 Hrs.

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) Discuss the multidisciplinary nature of planning. [5]
(b) Enumerate the different features and criticism of the Master Plan. [5]
- Q.2(a) Elaborate the concepts of City Beautiful and Linear City. [5]
(b) Explain the Sector Model of Homer Hoyt with an example. [5]
- Q.3(a) Analyse the statement - "City as an organism", with an appropriate example. [5]
(b) What are the characteristics of K=3, K=4, and K=7, as in the Central Place Theory of Walter Christaller? [5]
What does K denote?
- Q.4(a) Discuss the concept of Planning Regions and the Hierarchy of Planning Regions. [5]
(b) Elaborate the concept of Area of City Dominance and Area of City Influence. [5]
- Q.5(a) Evaluate the methods of Delineation of Formal Regions. Discuss with an example. [5]
(b) Analyse the Gravity Model. What is Distance Decay Effect? [5]

*****28.11.18*****M