

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

CLASS: MUP
BRANCH: ARCHITECTURE

SEMESTER : I
SESSION : MO/19

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) Explain the aims and objectives of planning? Enumerate the goals of physical planning with adequate examples. [5]
- Q.1(b) Summarize the steps involved in the planning process with an example. [5]
- Q.2(a) Differentiate the contents of the Master Plan and Development Plan. [5]
- Q.2(b) Illustrate the concepts of Patrick Geddes and Ebenezer Howard with modern day examples. [5]
- Q.3(a) Criticize the concepts of Land Value. What are the Determinants in Urban Structure? [5]
- Q.3(b) Explain the assumptions in the Central Place Theory of Walter Christaller? Identify the limitations of the Central Place Theory. [5]
- Q.4(a) Provide the limitations of the Sector Model of Homer Hoyt. Enumerate some suggestions to improvise them. [5]
- Q.4(b) Restate the Growth Pole Theory and its applications. [5]
- Q.5(a) Enumerate the features of Cluster Analysis. [5]
- Q.5(b) Evaluate the methods of Delineation of Formal Regions? [5]

::::::02/12/2019::::::E