

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

**CLASS: B.ARCH
BRANCH: ARCHITECTURE**

**SEMESTER: VIII
SESSION : SP/2019**

SUBJECT : AR8401 PRINCIPLES OF HUMAN SETTLEMENTS & URBAN DESIGN

TIME: 1.5 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
 2. Candidates may attempt for all 30 marks.
 3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. The missing data, if any, may be assumed suitably.
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- Q1 (a) Discuss the characteristics of 'Phoenicians'. [2]
(b) What are the characteristics of Medieval town? [3]
- Q2 (a) What is the concept given by Hippodamus? [2]
(b) Write about the various components of Renaissance town planning. [3]
- Q3 (a) Write the town and country planning concepts that evolved in India during the Mauryan period. [2]
(b) Explain in brief the planning principles followed in Gandhinagar. [3]
- Q4 (a) Mention the characteristics of 'Factory town'? [2]
(b) What is City Beautiful movement? Explain the evolution and effects of this movement. [3]
- Q5 (a) What is Satellite town? Explain. [2]
(b) Who gave the concept of 'Broad acre'? Explain in brief the concept. [3]
- Q6 (a) What is 'conservative surgery'? [2]
(b) Mention the various concepts given by: [3]
 i. Tony Garnier
 ii. F.L.Wright
 iii. Lewis Mumford

:::::: 05/03/2019 :::::M