

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

**CLASS: BARCH  
BRANCH: ARCHITECTURE**

**SEMESTER : IX  
SESSION : MO/2022**

**SUBJECT: AR502 HUMAN SETTLEMENT 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.
- 

Q.1(a)	Explain the meaning of the term "Human Settlement Planning"	[2]	CO1	BL1
Q.1(b)	Summarize the development of "New Towns" and "Old Medieval Towns" during Neo-classic /renaissance period.	[3]	CO2	BL2
Q.1(c)	Present the settlement system of a typical Greek city with sketches	[5]	CO4	BL3
Q.2(a)	Outline the features of a Factory Town	[2]	CO3	BL1
Q.2(b)	Summarize the planning principles adopted by Ebenezer Howard in planning of Garden City	[3]	CO3	BL2
Q.2(c)	Explain with sketches, concept of Ekistics and Dynapolis by C.A. Doxiadis	[5]	CO4	BL4
Q.3(a)	Comment on the structures and forms of human settlements?	[2]	CO2	BL2
Q.3(b)	Appraise and categorize of a Town based on Occupational Characters	[3]	CO5	BL4
Q.3(c)	Criticize the planning of the city of Chandigarh focusing on sectorial composition and types of roads	[5]	CO5	BL5
Q.4(a)	List four Urban Development Authorities in India and their roles	[2]	CO2	BL4
Q.4(b)	Present the features of the following terms: (i) Downtown (ii) Uptown (iii) Overall Residential Density	[3]	CO3	BL6
Q.4(c)	Write in details about "Master Plan" considering objectives, scope and contents.	[5]	CO6	BL5
Q.5(a)	Write the characters of "New urbanism"	[2]	CO5	BL5
Q.5(b)	Appraise about the features of SEZ in India?	[3]	CO6	BL5
Q.5(c)	Criticize the benefits and components of Transit Oriented Development.	[5]	CO6	BL6

:::22/11/2022:::M