

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

**CLASS: MUP
BRANCH: MUP**

**SEMESTER : II
SESSION : SP/2023**

SUBJECT: AR654 NEW TOWN PLANNING

TIME: 3 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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		CO	BL
Q.1(a)	Explain the following concepts of town planning- i) Le Corbusier's Radiant City ii) Frank Lloyd Wright's Broadacre City	[5] 1	2
Q.1(b)	Explain the planning of Navi Mumbai as a New Town Planning Concept in India.	[5] 1	3
Q.2(a)	Write a short note on 'Growing needs of sustainable and ecologically appropriate developments' in the context of city planning.	[5] 2	2
Q.2(b)	Explain the various planning principles of making a city a 'walkable city'.	[5] 2	4
Q.3(a)	How do the varied housing choices help in smart growth projects?	[5] 2	4
Q.3(b)	Briefly explain the station area planning principles for a Transit Oriented Development (TOD).	[5] 2	3
Q.4(a)	Explain the four attributes of the 'Inclusive Growth' concept.	[5] 3	1
Q.4(b)	Explain the planning approach and strategies of Smart City Planning.	[5] 3	2
Q.5(a)	List and briefly explain any five schemes sponsored by state/central government agencies implemented for a ULB.	[5] 4	3
Q.5(b)	'Public Private Partnership (PPP) is an efficient tool for the development of large infrastructure projects'- elaborate with suitable example.	[5] 4	5

:27/04/2023:E