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

CLASS: MUP/PRE-PHD   SEMESTER : II/I
BRANCH: ARCHITECTURE   SESSION : SP/2024

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.

			CO	**BL**
Q.1(a)	Explain the following concepts of town planning- i) Ebenezer Howard's Garden City ii) Radburn City Planning	[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 'UNESCO creative city characteristics' 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)	Briefly explain the station area planning principles for a Transit Oriented Development (TOD).	[5]	2	4
Q.3(b)	Discuss the concept of 'Compact City'? How does it contribute to sustainable development	[5]	2	3
Q.4(a)	Explain the concept of the 'Inclusive Growth' along with its components and essential dimensions.	[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 central/state government agencies implemented for a ULB.	[5]	4	3
Q.5(b)	'Public Private Partnership (PPP) is an efficient tool for the development of town planning schemes'- elaborate with suitable example.	[5]	4	5

::::::24/04/2024::::::E