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

CLASS: BARCH SEMESTER: II   BRANCH: ARCHITECTURE & PLANNING SESSION: SP/2022   SUBJECT: AR151 ADVANCED BUILDING MATERIALS FULL MARKS: 50   TIME: 3 Hours FULL MARKS: 50   INSTRUCTIONS: 1. The paper contains 5 questions, each of 10 marks and 50 marks.   2. Attempt all questions. 3. The missing data, if any, may be assumed suitably.   4. Tables/Data handbook/Graph paper, to be supplied to the candidates in the examination hall.							
	justific	ation?		s commonly used in engin as an essential building mate	erial.	res. With proper [CO1], [Analyze] O2], [Understand]	[5] [5]
	Differe a.	ntiate between	otta and polished to		-	O1], [Remember] D1], [Understand]	[5] [5]
	Write s a.	s meant by light hort notes on tl Ready-mix con Water cement	he following acrete	/hat are its advantages?	-	O3], [Remember] O2],[Understand]	[5] [5]
		-		point out the characteristics nd describe the process of va	] arnishing on wo	CO1],[Remember]	[5] [5]
	[CO3], Write s a.	a critical note o [Analyze] short notes on: Fly-ash Fibre-glass	on plastics as an ei	ngineering material, and just	tify your answe	er with examples? [CO3],[Apply]	[5] [5]

:::::18/07/2022:::::