FirstRanker.co	m		www.	FirstRank	er com	www.	First iç ar	ıker.com		
	10ad. 3 Section Where Maximum. Deflection occurs & it's Value. Take E = 200 KN/ MNf ² And I= 8.225 x 197 MM ⁴ *** End ***	b) Derive the slope, deflection and curvature equation b) Derive Maxwell's Reciprocal theorem. A Beam AB of span 6 Mtr. Carries a point load of the control	+		6. What is determinate structure? 7 What are the Assumptions in Truss analysis? 2 Solve Any TWO of the following.	3. Define Strain energy. 4. Write equation for strain energy stored due to Bending Moment. 5. Write Deflection equation for simply supported beam carrying UDL over	1 Attempt following Questions (Any 6) 1. Define Indeterminate Structures. 2. Explain Free Body Diagram.	Instructions to the Students: 1. Assume suitable data wherever necessary and State it clearly. 2. Figures to Right Indicate full Marks. 3. Lindicates Low Level, Mindicates Medium Level & Hindicates Formula of the students of the studen		DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, I Mid Semester Examination – March 2019 Course: B. Tech in CIVIL ENGINEERING Semester:
		CO 2, mgn CO 3,	CO 2 High	CO 1, M CO 2, M CO1, Low	CO 2, M	CO 2, M CO 2, M CO 3, H	CO 1, L CO 1, M	High Level. (Level/CO)	Subject Code: CV403 Date: 13 th March 2019 Duration: 1 Hour	LONERE : III
			∞ www.	FirstRank	o er.com		6	Marks		: : : 4