

+-		Take E = 200 KN/ MM ² And I= 8.325 x 10 ⁷ MM ⁴	n_
		load. 3 Section Where Maximum: Deflection occurs & it's Value.	
-	Medium	4.0 Mtr. From the left end A. Find 1.Slope at A. 2 Deflection under the	
-	CO 3,	_	(B)
			- 3
	CO 2, High	\rightarrow	(A)
		Solve ANY ONE of the following.	w/w
			w.
	COI, LOW	State and Explain Williot Mohr's Diagram.	First
T	202, M	-	Ra B
T	COLM	_	라A)
1		_	3 0.2
T		7 What are the Assumptions in Truss analysis?	СО
T	CO 2, M	6. What is determinate structure?	m
		entire span.	
	СО 3, Н	5. Write Deflection equation for simply supported beam carrying UDL over	.
I	CO 2, M	 Write equation for strain energy stored due to Bending Moment. 	w
	CO 2, M	3. Define Strain energy.	vw
	CO 1, M	2. Explain Free Body Diagram.	.Fi
	CO 1, L	1. Define Indeterminate Structures.	rst
		Attempt following Questions (Any 6)	Ra 1
Marks	(Level/CO)	QUESTIONS	nk
	High Level.	3. L indicates Low Level, M indicates Medium Level & H indicates High Level	er.cor
		Figures to Right Indicate full Marks.	n
		Instructions to the Students:	
1	1 Hour	Time: 3 pm to 4 pm Duration: 1 Hour	
	March 2019	Max Marks: 20 Date: 13th March 2019	
	de: CV403	Subject Name: Structural Mechanics- I Subject Code: CV403	٠.
	H	Course : B. Tech in CIVIL ENGINEERING Semester : III	
		Mid Semester Examination – March 2019	