ang Girder.  l of 100 KN at a span 16 m. Find and.  Lyrry  KN per metre upports and the	Firstranker's choice	www.FirstRanker.com	Q. 3	<b>₩</b>	v.Firs	t <b>R</b> a	nke	r.cor	m			0.1		
(Level/CO   1, CO   1,	A three hinged parabolic arch ACB of span 24 m Carries o U.D.L. of 15 KN per metre run on the half of the left span as shown in fig. Find the reactions at the supports and the bending moments.  15 KN m  12 m  13 m  14 m  15 KN per metre supports and the	Analyse the truss by Strain Energy Method. Take c/s area & Modulus of Elasticity constant. (Solve any one.)  Solve any one.)  40000  40000  40000  40000  40000	Solve any ONE of the following.		of 100 KN	Solve Any ONE of the following.		Differentiate between two hinged Stiffening Girder & Three hinged		Explain Eddy's Theorem.	eterminate	Attempt the following Questions (Any 2)	Assume suitable data wherever necessary and State it clearly.     Figures to Right Indicate full Marks.     QUESTIONS	Semester: V schanics- II Subject Code: BTCVC 502 ste: 27* Sep. 2019 Time: 1.30 pm to 2.30 pm
;	4,C02	4,001		3, CO 2	3, CO2		1,001	4, CO 2	1, CO 1	2,002	4, CO 1		(Level/CO)	Max Marks: 20