Vivekananda College of Engineering & Technology, Puttur

[A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®] Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

CRM08

Dept:Civil

Prepared by: Subrahmar

Rev 1.10

Sem / Div: 5

«Civil»

<15-10-2020>

S Code: 18CV52

CONTINUOUS INTERNAL EVALUATION- 1

Sub: Analysis of

	Belli / Div. 5	Sub: Analysis of Indeterminate Structures	S Code: 18CV52 Elective:N		
Date: 19-10-2020	Time: 2:30-4:00 pm	May Manley CO			
Note: Answer any 2	full questions, choosing of	one full question from each p	part.		-
Q	Questions				
N	Questions		Marks	RBT	CC
	PART A				
a Analyze the co method. Draw b elastic curve.	ntinuous beam shown in	n fig. By Slope deflection r force diagrams and sketch	25	L3	CO
GOKN A & 2.5m J 2	so B sokulo	40kN			
(1)	£ 5m	6C 3m J 2m D			
	OR		-		
method. Draw be elastic curve.	ntinuous beam shown in nding moment and shear asked as	fig. By Slope deflection force diagrams and sketch	25	L3	CO
	PART B				
Analyze the porta Draw bending mor	B 2m J	Slope deflection method. ch elastic curve.	25	L3	COI
	5m 1.51	5m 1.51			
	0	zana.	2 1		

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CONTINUOUS INTERNAL EVALUATION- 1

OR			
a Analyze the portal frame shown in fig. By Slope deflection method. Draw bending moment, shear force and sketch elastic curve.	25	L3	CO
Cao taleo			
B Cochem			
3m			
3m			
3/1		-	
777777 A			

Prepared by: Subrahmanya RM