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

CRM08	Rev 1.10	<Civil>	<15-10-2020>

CONTINUOUS INTERNAL EVALUATION- 1

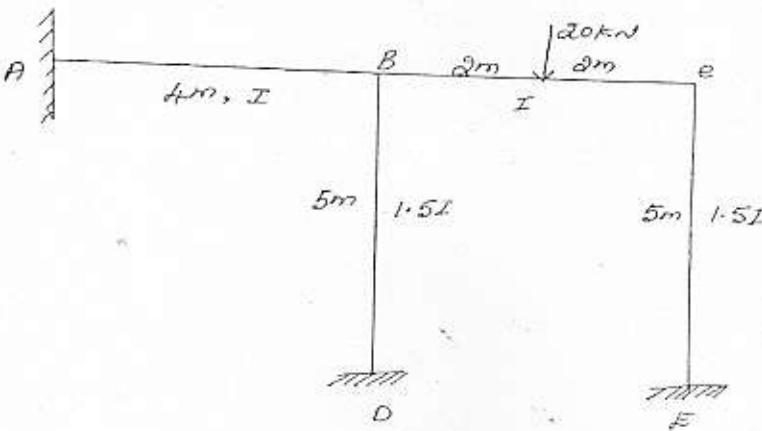| Dept:Civil	Sem / Div: 5	Sub: Analysis of Indeterminate Structures	S Code: 18CV52
Date: 19-10-2020	Time:2:30-4:00 pm	Max Marks: 50	Elective:N

Note: Answer any 2 full questions, choosing one full question from each part.

QN	Questions	Marks	RBT	COs
	PART A			
1 a	Analyze the continuous beam shown in fig. By Slope deflection method. Draw bending moment and shear force diagrams and sketch elastic curve.	25	L3	CO1
	OR			
2 a	Analyze the continuous beam shown in fig. By Slope deflection method. Draw bending moment and shear force diagrams and sketch elastic curve.	25	L3	CO1
	PART B			
3 a	Analyze the portal frame shown in fig. By Slope deflection method. Draw bending moment, shear force and sketch elastic curve.	25	L3	CO1

Prepared by: Subrahmanye R M

HOD

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

| CRM08 | Rev 1.10 | <Civil> | <15-10-2020> |

CONTINUOUS INTERNAL EVALUATION- 1

OR			
4 a	Analyze the portal frame shown in fig. By Slope deflection method. Draw bending moment, shear force and sketch elastic curve.	25	L3	CO1