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	ME	22.05.2021

CONTINUOUS INTERNAL EVALUATION- 1

Dept:: ME	Sem / Div: 4A	Sub: Metal Casting and	S Code: 18ME45B			
		Welding				
Date:26.05.21	Time: 9:30-11:00	Max Marks: 50	Elective:N			
Note: Answer any 2 full questions choosing one full question from each part						

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	N QN	Questions	Marks	RBT	COs			
		PART A						
1	a	With a neat sketch explain the investment casting process	10	L2	CO1			
		What is a Core? Explain the types of cores based on shape and position of the core	15	L2	CO1			
	OR							
2	a	Discuss the steps involved in making a casting	10	L2	CO1			
	b	Define Pattern, Explain the various types of pattern allowances with	15	L2	CO1			
		sketch						
PART B								
3	a	With a neat sketch explain the construction and working of a Cupola	15	L2	CO2			
		Furnace						
	b	Explain the different types of production process	10	L2	CO1			
OR								
4		With a neat sketch explain the construction and working of a	15	L2	CO2			
		resistance furnace						
	b	Write the advantages and limitations of casting process	10	L2	CO1			

Prepared by: Harish S R HOD