

CONTINUOUS INTERNAL EVALUATION- 1

Dept.: ME	Sem / Div: 4A	Sub: Metal Casting and Welding	S Code: 18ME45B
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.			

QN	Questions	Marks	RBT	COs
PART A				
1	a With a neat sketch explain the investment casting process	10	L2	CO1
	b 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 sketch	15	L2	CO1
PART B				
3	a With a neat sketch explain the construction and working of a Cupola Furnace	15	L2	CO2
	b Explain the different types of production process	10	L2	CO1
OR				
4	a With a neat sketch explain the construction and working of a resistance furnace	15	L2	CO2
	b Write the advantages and limitations of casting process	10	L2	CO1