

CRM08

Rev 1.10

ME

22.08.2022

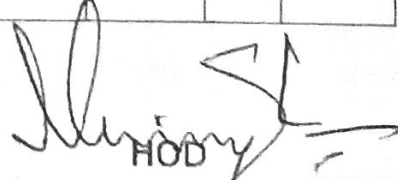
CONTINUOUS INTERNAL EVALUATION - 3

Dept: ME	Sem / Div: 4 A	Sub: Metal Casting and Welding	S Code: 18ME45B
Date: 30.08.2022	Time: 3:00-4:30 pm	Max Marks: 50	Elective: N

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

QN	Questions	Marks	RBT	CO's
PART A				
1	a Write a note on casting defects, its causes and remedies	10	L2	CO3
	b Explain the different methods of melting aluminium alloys	15	L2	CO3
OR				
2	a Define solidification. Explain the mechanism of solidification	10	L2	CO3
	b Explain in detail different degasification methods	15	L2	CO3
PART B				
3	a Explain the stir casting set up	10	L2	CO3
	b Define Brazing, Explain torch brazing process	15	L2	CO5
OR				
4	a Explain different solidification variables	10	L2	CO3
	b Explain the following NDT 1. X Ray Radiography 2. Magnetic Particle Inspection	15	L2	CO5

Prepared by: Harish S R


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