Vivekananda College of Engineering & Technology, Puttur

[A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®]

Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

ΜE

22/06/2021

CONTENTIONS	TRITEDRIAL	EVALUATION-	2
CONTINUOUS	TINIERINAL	EVALUATION-	_

			
Dept:ME	Sem / Div:VI A	Sub:NON-TRADITIONAL	S Code:18ME641
		MACHINING	
Date:25/06/2021	Time: 3:00-4:30 PM	Max Marks: 50	Elective:Y
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Note: Answer any 2 full questions, choosing one full question from each part.

Rev 1.10

CRM08

Q	Questions		RBT	COs		
N	PART A					
1 8	Explain the WJM equipment and operation with the help of neat sketch.	10	L2	CO2		
1	b Explain the LBM equipment and operation with neat drawing.		L2	CO5		
	Write the principle and explain the need for EBM.	5	L2	CO5		
	OR					
2	List out the Advantages, limitations and applications of LBM.	10	L2	CO5		
1	Explain the process parameters of LBM and EBM in detail.	10	L2	CO5		
	c What are the critical parameters that affect the MRR in WJM?		L2	CO2		
PART B						
3	List out the Advantages, limitations and applications of WJM.		L2	CO2		
1	b Explain the EBM equipment and opertion with neat sketch.		L2	CO5		
	c Write the Principle and explain the need for LBM.		L2	CO5		
OR						
4 8	Explain the CO2 laser and Nd-YAG laser with neat sketch.	10	L2	CO5		
	List out the Advantages, limitations and applications of EBM.		L2	CO5		
	c Write the Principle and explain the need for WJM.		L2	CO2		