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## Internal Assessment Test 2 – April. 2018

Sub:	NON TRADITIONAL MACHINING					Sub Code:	15ME665	Branch:	MECHANICAL		
Date:	19/04/2018	Duration:	90 min's	Max Marks:	50	Sem/Sec:	OTE		OBE		
<u>Answer any FIVE FULL Questions</u>									MARKS	CO	RBT
1.	Describe various process parameters affecting ECM.						[10]		CO3	L2	
2.	(a) What are the elements of chemical machining process? Explain.						[05]		CO3	L4	
	(b) Explain the different methods of dielectric flushing in Electric Discharge Machining process.						[05]		CO4	L4	
3.	(a) Explain with sketch the process of electrode feed control in Electric Discharge Machining.						[06]		CO4	L4	
	(b) With a neat sketch, explain the principle of PAM.						[04]		CO4	L4	
4.	Explain the following with neat sketches (i) Chemical Milling (ii) Chemical Blanking.						[10]		CO3	L4	

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5.	With sketch explain the following: (i) Electrochemical Grinding. (ii) Electrochemical Honing.	[10]	CO3	L4
6.	What is Electric Discharge Machining (EDM)? Explain the mechanism of metal removal.	[10]	CO4	L4

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