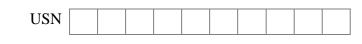
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Internal Assessment Test 2 – April. 2018											
Sub:	ub: NON TRADITIONAL MACHINING					Sub Code:	15ME665	Branch	Branch: MEC		CAL
Date:	19/04/2018	Duration:	90 min's	Max Marks:	50	Sem/Sec:	OTE			OBE	
Answer any FIVE FULL Questions							Μ	MARKS		RBT	
1. Describe various process parameters affecting ECM.							[10]		L2		
2. (a) What are the elements of chemical machining process? Explain.							[05]		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.						arge	[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.						nical	[10]	CO3	L4	

Internal Assessment Test 2 – April. 2018





Internal Assessment Test 2 – April. 2018

Sub:	NON TRADITIONAL MACHINING					Sub Code:	15ME665 Branch: ME		h: MEC	ECHANICAL		
Date:	19/04/2018	Duration:	90 min's	Max Marks:	50	Sem/Sec:	OTE			OBE		
Answer any FIVE FULL Questions]	MARKS	СО	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.						arge	[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.							ical	[10]	CO3	L4	

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	

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	