

Reg. No:]		
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(AUTONOMOUS) B.Tech II Year II Semester Regular and Supplementary Examinations May 2019													
					ACTU				•				
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Time: 3 hours Max. Marks: 60)
(Answer all Five Units $5 \times 12 = 60$ Marks)													
UNIT-I													
1													
	i)Green sand ii)Dry sand iii)Loam sand iv)Facing sand												
	v)Backing sand and vi)Parting sand										6M		
	b What is gating ratio? What is the difference between pressurized upprosurised systems?										zed and	6M	
	unpressurised systems? OR												OIVI
2												6 M	
	b Explain the various properties of moulding sand.												6 M
						UNI	T-II						
3		npare TIG											6M
	b Exp	lain the w	orking of	oxy a	cetyler	0		ng.					6M
4	a Evn	lain the cl	assificati	on of v	velding	0		briefly	V 7				6 M
-	4 a Explain the classification of welding processes briefly.b Write short note on Heat Affected Zone (HAZ) in welding.											6 M	
5											ations,		
	advantages and disadvantages.											12 M	
					c 11.	0		0					
6		at are the o at are the o							lling	nroad	2009		6 M
	U WII		examples		nponei	UNI		1 111 10	ling	proces	5555 !		6 M
7	a Exp	lain Bendi	ing onera	tions y	with su			hes					6 M
	-	tch and ex	• •					105.					6 M
			1		0 1	0							
8		at is Super	-										6 M
	b Wri	te detailed	notes or	Micro	o formi	<u> </u>		ons.					6 M
0	F 1 ·	.1 1		• 1	1	UNI					1.11		10.14
9	Explan	n the work	ting princ	ciples a	and app	olicatio O		comp	ressio	n mou	liding.		12 M
10	a Exp	lain the va	arious me	thods	of Bon			rmon	lastics	5.			6 M
	-	erentiate t				0		-					6 M
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