Tota	ıl No	o. of Questions : 4]		90	SEAT No. :		
PB	16	6	[626	9]-380	[Total No. of Pa	ages :1	
		T.E. (_	nical) (Inse	m)		
COMPOSITE MATERIALS							
(2019 Pattern) (Elective-II) (Semester - II) (302052-A)							
		Hour] ons to the candidates: Solve Q.1 or Q.2, Q.3 or			[Max. Mari	x. Marks : 30	
	2)	Neat diagrams must be di		never necessary	? .		
	3)	Figures to the right indic	-				
	<i>4</i>)	Assume suitable data, if	necessary.		9		
		0,00					
<i>Q1</i>)	a)	Explain advantages of	of compo	site materials	over other materials.	[7]	
~ /	b)	Explain classification	-		X	[8]	
	- /			OR N	1. X	[-]	
Q2)	a)	Compare the propert	ies of co	mposite and s	standard materials.	[7]	
	b)	Difference between h				[8]	
			2	7,00	_		
Q3)	a)	What is polymerization	on?Expl	ain any one in	detail.	[7]	
	b)	Describe the pultrusi applications.	on proce	ss with its ad	vantages, disadvantage	es and 6	
		uppirounons.	6.7	OR			
Q4)	a) Write short note on Thermoplastic polymer.					چ ⁷ [7]	
b) Describe the Hand lay-up process with its advantages, of					s advantages, disadvar	ntages	
		and applications			9'6?	[8]	
b) Describe the Hand lay-up process with its advantages, disadvantages and applications [8]							
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				\mathcal{O}_{λ}	200		
				. (o		
				8.			