Total No. of Questions : 4] PB222 [626		90	SEAT No. :		
]-449	[Total	No. of Page	s:1
	T.E. (Electrical Me	X Y	nsem)		
	HONORS IN ELEC)	*		
e - Vehicle System Design					
	(2019 Pattern) (Semes	ster - II) (30	2033 MJ)		
Time: 1	Hour]		[1	Max. Marks	:30
Instructions to the candidates:					4)
 Answer Two questions from the following. (Question 1 or 2 and Quest Draw neat tabeled diagrams whereever necessary. 					• 4).
3)	Figures to the right side indicate ful	ll marks.	9		
<i>4</i>) 5)	Use of non-programmable electronic Assume Suitable/Standard data if ne	-	ermitted.		
3)	Assume Sanable/Sumaura adda if he	cessury.			
Q1) a)	What are the types of steering s			0.	[7]
b)	Explain 2W configuration of bio	cycle/dicycle	ayout.		[8]
		0, 7.			
	Q	Y			
Q2) a)	Explain how a car steering syst	em works.			[8]
b)	Explain 4W Configuration of 3				[7]
		6			20
Q3) a)	What is suspension system and	how it works	in automob	ile.	[8]
b)	Explain Shock Absorbers in su	spension syst	em.		[7]
	Ol				
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Q4) a)	Explain Front and Rear Suspen	sion System.	9	1.00	[8]
b)	Explain design of Coil Spring.		3		[7]
			0,00		
	* *	* * /	, 20,		
			9		
		8.			
		how it works ispension system.			
		X ′			