Registration No :																
Total Number of Pages : 02													B.Tech			
210	oth 0															21
210			e figu				•			_				210		21
Part – A (Answer all the questions)																
Q1	Answer the following questions : multiple type or dash fill up type :												(2 x 10)			
	a) Find out the odd one from the following:a) Master cylinderb) Engine cylinderc) Wheel cylinderd) Brake drum															
	b)	The rating of diesel engine willwith increase in air-inlet temperature a) Increase parabolically b) Increase linearly 210														
210		a) increase pa	arabo barabo	ııcaııy olical	/ 210		,			•	21			210		21
	c) Decrease parabolically d) Decrease linearly c) The air resistance of a vehicle moving with a velocity of 120 km/h is 190 N. The air resistance of the vehicle moving with 100 km/h will be a) 176.58 N b) 151.07 N															
	c) 127.53 N d) 98.1 N d) Digital Twin Spark Ignition technology is patent of which company? a) Honda b) Yamaha															
210	c) TVS d) Bajaj e) Two advantages of using helical gears rather than spur										our g	ears	in a 210		21	
	f)	transmission are: a) High strength and low cost b) High strength and less end thrust c) Low noise level and economy d) Low noise level and high strength The component of the torque converter that allows multiplication of torque is the														
		a) Turbine					b) Im									
210	g)	c) Freewheel The included a) Camber an			ım²of		d) Sta b) Ca	210	and S	S.A.I.	21			210		21
		c) Camber an	d S.A	λ.l.			d) Ca	ambe	r and	toe-ir						
	h)	a) Battery cha		o che	ck the			_		batte	ry.					
210	a) Battery charger b) Hygrometer c) Hydrometer d) Battery eliminator i) Which one of the following variable is sensed by an EGR lift sensor? a) The oxygen content of the exhaust gas b) The exhaust gas temperature												210		21	
	j)	c) The extent d) The exhaus The fading of a) At high spe c) When brak	to wh st gas brake eds	ich the strong strong the strong tension in	ne EG rate cur	iR val	b) At	low s	peeds		brake	e apol	icatio	n		
Q2 210	a) b)	Answer the f	ollow VP 29	ring c " star	quest nd≀for'	ions ?	: Sho	e rt an :	swer	type	21)		210	(2 x 10)	21