


CMR INSTITUTE OF TECHNOLOGY		USN <input type="text"/>							
Internal Assesment Test II – OCT 2019									
Sub:	UTILIZATION OF ELECTRICAL ENERGY						Code:	15EE742	
Date:	15/10/2019	Duration:	90 mins	Max Marks:	50	Sem:	VII	Section :	A & B
Note: Answer any five FULL Questions Sketch neat figures wherever necessary. Answer to the point. Good luck!									

		Marks	OBE CO	RB T
1.	Discuss the configuration of Electric Vehicle with subsystem.	[10]	CO2	L4
2.	Write short notes on Hybrid vehicles.	[10]	CO2	L4
3.	Explain Plugging, Dynamic Braking and regenerative Braking of DC Motors.	[10]	CO3	L3
4..	With relevant Graphs, explain traction Motor Characteristics.	[10]	CO3	L2
5.	Explain Shunt Transition, Bridge Transition applied to starting of DC Motors.	[10]	CO4	L2
6.	Explain about current collection in train locomotives	[10]	CO2	L3
7.	Explain AC Series motor with characteristics.	[10]	CO3	L2