

Code: 15MC63B

Register					
Number					
	 	-			

VI Semester Diploma Examination, Nov./Dec.-2018

AUTOMOTIVE ELECTRONICS							
Time	e: 3 Hours] [Max. Marks: 10	[Max. Marks : 100					
Note .	: (i) Answer any six full questions from Part A. (ii) Answer any seven full questions from Part B.						
	PART – A						
1.	Explain the simplified vehicle system block diagram.	5					
2.	Explain the working of mechanical regulator. FOXY O						
3.	Differentiate the open and closed loop systems in automobiles.	5					
4.	Explain the starter system general layout.	5					
5.	Explain the significance of the fuel consumption and exhaust emissions.	5					
6.	Explain the operation of closed loop lamda control.	5					
7.	Explain the requirements of ABS.	5					
8.	Explain the block diagram of Traction Control System.	5					

Explain the Simple Alarm Circuit.

9.

1 of 2 [Turn over

5