

Code: 15ME63C

Register	
Number	

VI Semester Diploma Examination, April/May-2019

RENEWABLE ENERGY RESOURCES

(Max.)		
Time: 3 Hours [Max. Marks: 100				
Note: (i) Answer any six questions from PART – A.				
(ii) Answer any seven questions from PART – B.				
PART - A				
1.	Define renewable and non-renewable energy sources.	5		
2.	Define Solar collectors and list the types of collectors.	5		
3.	List applications of Solar energy. FOXY ORO	5		
4.	List the advantages and limitations of wind turbines.	5		
٦.	BETA CONSOLE			
5.	List the factors affecting Bio-gas generation.	5		
6.	List the factors to be considered for selection of site for installing wind generators.	5		
7.	State the advantages and disadvantages of Bio-Gas plants.	5		
8.	Explain briefly Geo-Thermal energy.	5		
9.	State the applications of fuel cells.	5		