

Code	:	15ME631	B
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Register					
Number	•		,		

VI Semester Diploma Examination, April/May-2020

POWER PLANT ENGINEERING

Tin	ne: 3 Hours] [Max.]	Marks: 100
Insi	tructions: (i) Answer any six questions from Part – A.	
	(ii) Answer any seven questions from Part – B.	
		e.
	PART – A	
1.	State the various factors considered for location of power plants.	5
2.	List three advantages and two disadvantages of hydro-electric power plants	. 5
3.	Sketch and label the pumped storage type hydraulic power plant.	5
4.	List the various coal handling methods.	5
5.	List any five effects of nuclear radiation on environment.	5
6.	Explain open cycle gas turbine power plant.	5
7.	State the advantages and disadvantages of wind power plant.	5
8.	List any five factors affecting the distribution of wind energy.	5
9.	List the methods to control global warming power plants.	5
	1 of 2	[Turn over