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III Semester Diploma Examination, April/May-2019

ELECTRICAL POWER GENERATION

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Time: 3 Hours]	[Max. Marks : 100
Instruction: (i) Answer any six questions from PART - A. Each (ii) Answer any seven full questions from PART - marks.	h question carries 5 marks. B. Each question carries 10
PART – A	
1. List out the factors to be considered for the site selection of hydronic selection selection of hydronic selection selectio	ro electric plant. 5
	orectic plant.
2. List any five merits and demerits of thermal power plant.	FOXY ORO
3. With sketch explain the working of nuclear reactor.	BY BETA CONSOLE 5
BETA CONSOLE	
4. Compare thermal power plant and nuclear power plant.	5
5. With neat sketch explain construction and working of solar cell.	5
6. List the merits and demerits of biomass plant.	5
7. List the advantages of fuel cell.	
8. Explain the stand alone type photovoltaic power plant with block	
9. List the causes of low power factor	5