

Code: 15EE32T

Register	 			
Number				

III Semester Diploma Examination, Nov./Dec. 2016

ELECTRICAL POWER GENERATION

Time: 3 Hours Max. N			Marks: 100			
Note	 (i) Answer any SIX questions from Part-A. Each question carries 5 marks. (ii) Answer any SEVEN questions from Part-B. Each question carries 10 marks. 					
	PART -	- A				
1.	List any five factors to be considered for plants.	the site selection of hydroele	ctric power SOLEI			
2.	Explain the function of surge tank with a ne	at sketch.	Diploma - [All Branches Beta Console Gucation 3P			
3.	Explain working of nuclear power plant wit	h a neat sketch.	5			
4.	Explain construction and working of a Sola	cell with sketch.	Diploma Question Papers [2015- 19] 5 Beta Console Education			
5.	Compare horizontal axis and vertical axis w	ind turbine power plants.	5			
6.	List any five disadvantages of tidal power p	lants.	5			
7.	Explain construction and working of headevices.	ving float type wave energy	conversion 5			
8.	Explain working of Phosphoric Acid Fuel C	Cell (PAFC) with neat sketch.	5			
9.	With block diagram explain construction &	working of PV-diesel hybrid	system. 5			
	. [1 of 2]		[Turn over			