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Code: 15EE41T

Register			
Number			

IV Semester Diploma Examination, Nov./Dec. 2017

TRANSFORMERS & A.C. MOTORS

Time: 3 Hours [Max. Marks:				Iarks : 100				
			•	t - A, 5 marks for each question Part – B. Each question carries 1				
1.	(a) (b)	What are	PART - ort note on breather of a transfer the factors to be considered ners (any three)?		core type SOLE!			
2.	Draw the vector diagram of the transformer on 'R' load and explain. (R-Resistive). om 3 - [All Branches							
3.	Beta Console Education							
4.	Explain with sketch the construction and working of 3 phase slip ring induction motor. 5							
5.	Exp mot	induction Diploma Quastion Papers [2015-						
6.		lain how the	rebyeopole					
7.	Exp	lain why th	5					
8.	Exp	lain the eff	otor. 5					
9.	Exp ind	citor run 5						
10. (a) (b)		A 25 kV secondary Calculate (1) Prir (2) Sec	y winding. The primary is cor	single phase transformer. nas 250 turns on primary and 40 nnected to 1500 volt, 50 Hz main				
		, ,	1 of 2	,	IT.um over			