KING FAHD UNIVERSITY OF PETROLEUM & MINERALS

ELECTRICAL ENGINEERING DEPARTMENT

Dr. Ibrahim O. Habiballah

EE-306

Key Solution					
Quiz 5	Sec.:	I.D.:	Ser#:	Name:	
Circle the corre	ect answer.				
1) Projecting-poa. True.b. False.	ole rotors in synd	chronous machines	are used in	high-speed applica	tions. (2 Marks)
a. The leaka b. The leaka c. The leaka	age reactance of age reactance of	The armature winding the armature winding the armature winding the armature and restrict the armature winding the	ng and field cactance due	l resistance. e to armature-reacti	(3 Marks)
3) The number a. 2-poles b. 4-poles c. 6-poles d. 8-poles	of poles of a 50-	Hz synchronous m	otor running	g at 1000 rpm is	(3 Marks)
		d in synchronous and the state of the state	_	-	orque angle, (2 Marks)