KING FAHD UNIVERSITY OF PETROLEUM & MINERALS

ELECTRICAL ENGINEERING DEPARTMENT

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EE-306

Key Solution

Quiz 5	Sec.: 5	I.D.:	Ser#:	Name:		
Q.1 A synchronous motor running at leading power-factor load is overexcited.						
					☐ True	□ False
-	-	r, with negligible arr voltage regulation.	nature resis	tance, running		ng power- □ False
Q.3 Non-salier	nt synchronous	machines are used i	n high-spee	ed applications		□ False
Q.4 A synchro	nous motor car	n supply reactive pov	wer if the fi	eld current is		□ False
-	rpm. If the seco	nes are to run in par ond one has 8-poles,			poles and	runs at a