	W\	vw.aku ≴ oih		
(t)	Power generation through µHD generation based on faraday effect.	*	. 6.	(a) Explain thermo-electric power conversion.
	state true or false	aku	:	(b) Show maximum power output of thermo-electric
(g)	Induction generator can be used for converting wind	biha		generation Pmax= $\frac{4\alpha^2 4T^2}{4Kg}$
	power of electric power. state true or false	r.com	7.	(a) Explain the principle of fusion power generation. 7
(h)	In full cell chemical energy in directly converted to	٠.		(b) What are the advantages and disadvantages of fusion power?
	electric enuars.		8.	(a) Discuss the basic principle of μHD generation. 7
	write true or false			(b) Derive the express for maximum power output of
(i)	Thermo-electric generation produce direct current.	WW		μHD generation. 7
	write true or false	S	9.	Write short notes: 7×2
(a)	Write the advantages and disadvantages of solar cell	<u> </u>		(a) Wind energy conversion system
	compared to conventional System. 7	www.akubihar.com		(b) Solid oxide fuel cell
(b)	Draw and explain equivalent circuit of a solar cell.			***
		Ϋ́		
(a)	What is maximum power point traking in solar PV			
	system? What are the different strategies for			
	maximum power point traking? 14			
(a)	Give the classification of fuel cell. 7	€		· ·
(b)	Draw and explain the VI characteristic of fuel cell. 7	*		
(a)	Discuss different types of µHD generating system.	.ak	/w.akubihar.	•
(b)	What are the advantages and disadvantages of μHD	<u> </u>		• · · •
	generation? 7+7	nar.		

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