	Page Page
Que 307_	Mention the advantages of Jones Chapper over other chapper concuits.
	Jones Chopper is an example of class D committee in which charged capacitor in Obsoitched by an auxiliary SCR to commutate the main SCR. In this circuit SCRI is the main Stritch of SCR2 is the auxiliary Switch which is lower apparity than SCRI of is used to committee SCRI by a neverse voltage developed accounted capacitors c.
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	Vac

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and the state of t	
Name of the last o	
*	It allows the use of higher voltage and
	lower micraforial commutating capacities. This is
	lower microford commutating capacities. This is because the teapped lenergy of inductor 1.  Can be forced in to the commutatine of
	notes the della community consists
	Souther than shimply charging the Capacitos by Supply voltage.
	Supply voltage.
•	In this Circuit those ? he retained
	In this Circuit there is no starting problem for onyone of the SCR can be tuned on initial, those
	in great flexibility in Control asio.
lates de la constitución de la c	
and some of	
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dieso	Page Page	
	Deuxise Morgan chopper with ausociated voltage 4 current waveforms.	
	James Contractions	
Ans		
	Figure Shows the paver - Cincuit of Morgan chapper . In this cincuit, To is the main	1
	thyristor whereas capacitos Co Saturable reactor	
	Sk and diode D1 forms the commutating	
	circuit, the exciting current of the	
	Saturable seactor is arrund to be negligible	
	il has very low inductance. The	#
	The state of the s	
	Q+ T + + 0000	
	+ i vio	
	C SR	
	Edc Di io, DFeo D 7	
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		10
	hen the SCR To is OFF, capacitos c will	
	harge to the Supply voltage Ede with	
1 10	he saturable reactor is placed in	
environment of the second second second	positive Southeaution Condition The	
) ac	apacito charging pot is	
	Edc+ - C-SR-Load-Edu	

