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F ***	Camlin Page
(D2-(b)	A Ri M Shuut negative clippur. B Qiven
	VPMS = 32.53V, Rd = 15 \(\text{L} \), (evondorg winding = 102) PL = 4k \(\text{L}^2 \). Average = \(\text{LVP} \) TI Vms = \(\text{VP} \) NZ
	Efficiency = n = (work output) x 100 work Input Tu ripple factor = y = 1.21.
	Page -3 and

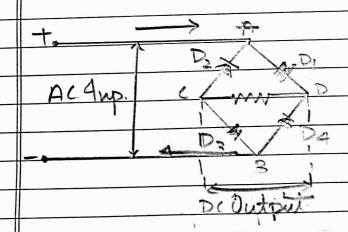
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c) A bridge rectifier makes une four diode in a bridge arrangement to arrivere full-wave ructification.

working:

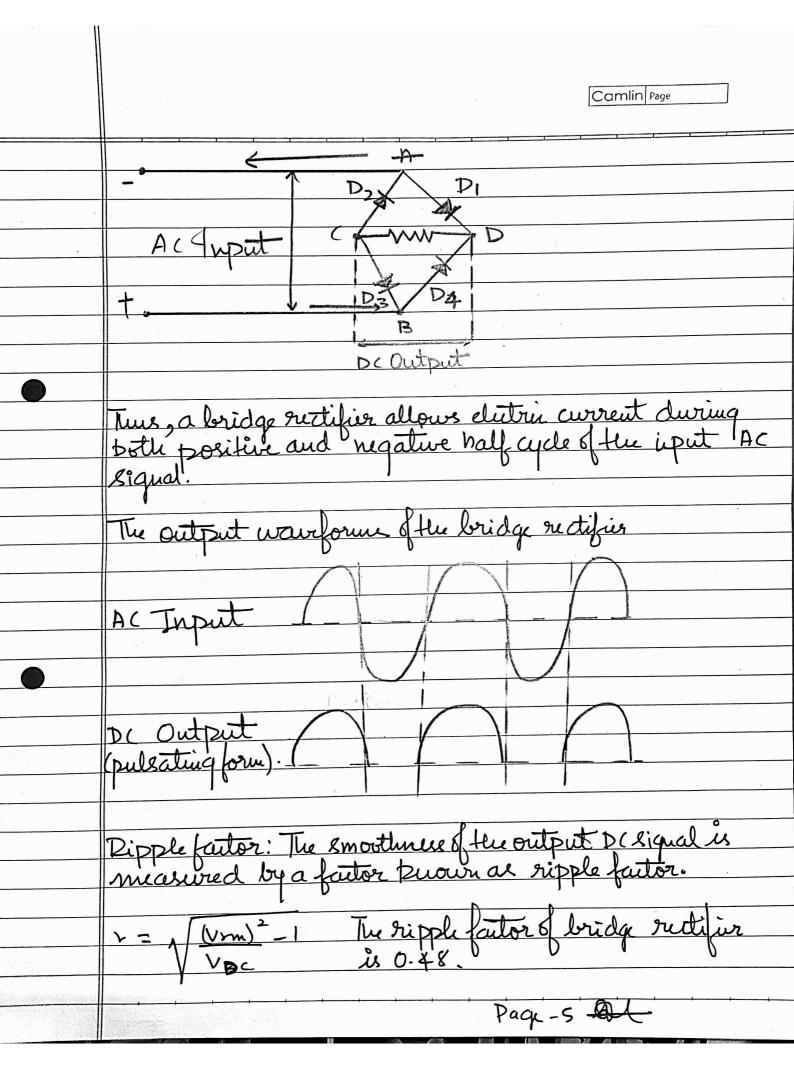
during the positive half cycle, terminal A becomes possible unile terminal B becomes regative.

Très results in divoles D, and D, to lecome forward biased while D2 and D4 become reverse li ased.



During regative half-cycle, kruinal Blownes positive while the kruinal A becomes negative. This caules diodes D2 and D4 to become biased and Divole D, and D3 to revose biased.

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	Elliciency:
	80 (
	The ratio of the DC output power to the AC imput power.
	Efficiency: The ratio of the DC output power to the AC imput power. The man efficiency of a bridge rectifier is \$1.2%. $n = DC$ output Power
	N - DO OUTE + DOLLER
	n = DC output Power Ac input Power
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