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	* Page 2118 213, EXCERCISE QUESTIONS
547	Exercise exponents was a line of the service of the
39.	a) induced emf = BLV
230.03	induced emf = 50×10-6×0.2×20
	= 2 × 10 <sup>-4</sup> V
	b) V=IR
	2×10-4 = I×2
	$I = 2 \times 10^4$
	2 5 7 3 7 3 7 5 7
	I = 1×10-4 A
	c) $P = I^2R$
	$\rho = (1 \times 10^{-4})^2 \times 2$
	P=2×10-8 W
	Power = work done
	Time taken
	2×10 <sup>-8</sup> = 10
	1
	w = 2×10-8 2
	d) 2×10-2 3 essentinos reversas decentas
	e) WORK DONE = FORCE × DISTANCE
	2×10-8= 1×10-4 × 85
	s = 2m
	e) 1×10-4 N
40.	a) Magnetic flux is the product of magnetic field strength and perpendicular
	area.
	" TOTAL FLUX = 50,00×10-6 × 2×10-4 = 2000 Tunt 1×10-6 Tm2
	1m2 = 10 000 cm2
	$1 \times 16^{-1} = 1 \text{ cm}^2$
	2×10-4=2 cm
3	No. 04