Question number	An	Notes	Marks	
2 (a) (i)	Points plotted to within half a small square;			
	Number of turns on primary coil	Output voltage	Points should lie on a very good curved line.	
	10	39.6		
	20	19.7		
	40	9.9		
	60	6.6		
	80	5.0		
	100	4.0		
(ii)	Output voltage in V 20 10 0 20 Numb Best fit line is smooth curve;	40 60 80 er of turns on primary coil	100 ECF their data points.	1
(11)	best lit lille is sillootif curve,		ECF their data points.	ı
(iii)	As number of (primary) turns increases, (secondary) voltage decreases; At a decreasing rate/is non-linear;		Allow RA Allow unqualified 'inversely proportional' for 2 marks. Ignore: 'negative exponential'	2