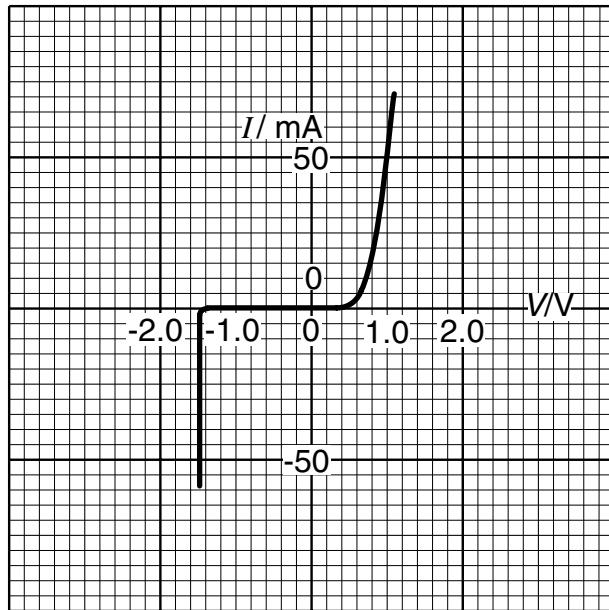


**32** The variation with potential difference  $V$  of the current  $I$  in a semiconductor diode is shown below.



What is the resistance of the diode for applied potential differences of +1.0 V and -1.0 V?

	resistance	
	at +1.0 V	at -1.0 V
<b>A</b>	20 $\Omega$	infinite
<b>B</b>	20 $\Omega$	zero
<b>C</b>	0.05 $\Omega$	infinite
<b>D</b>	0.05 $\Omega$	zero