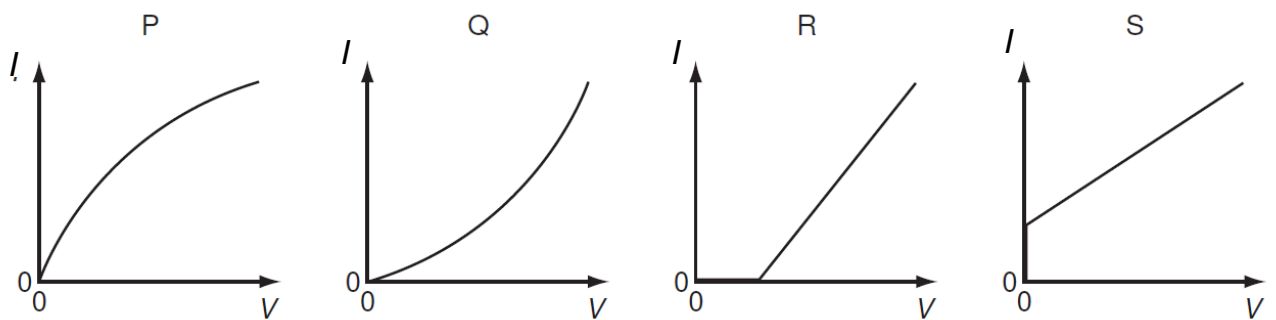


- 21** The graphs show possible current-voltage ( $I$ - $V$ ) relationships for a filament lamp and for a semiconductor diode.



Which row best specifies the correct  $I$ - $V$  graphs for the lamp and the diode?

	filament lamp	semiconductor diode
<b>A</b>	P	R
<b>B</b>	P	S
<b>C</b>	Q	R
<b>D</b>	Q	S