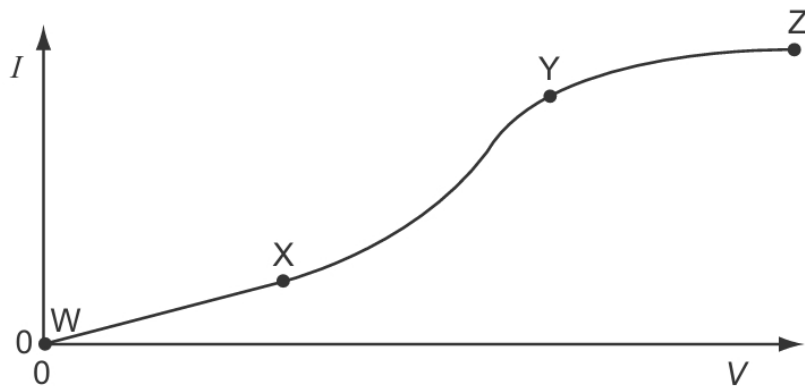


- 21** An electrical component has a potential difference  $V$  across it and a current  $I$  through it. A graph of  $I$  against  $V$  is drawn and is marked in three sections WX, XY and YZ.



Which one of the options below correctly indicates the variation of the resistance of the component within each of the three sections of the  $I$ - $V$  graph?

	WX	XY	YZ
<b>A</b>	constant	decreases	increases
<b>B</b>	constant	increases	increases
<b>C</b>	increases	decreases	constant
<b>D</b>	increases	increases	decreases

- 22** A circuit consisting of a battery, two ideal diodes and three identical resistors is shown below. The