

7 The intensity of light incident on a light dependent resistor (LDR) can vary both its electrical resistance  $R$  and the number of charge carriers per unit volume  $n$ . The light intensity on an LDR is increased.

Which row of the table describes the effect on  $R$  and  $n$ ?

	<b>R</b>	<b>n</b>
<input type="checkbox"/> <b>A</b>	decreases	decreases
<input type="checkbox"/> <b>B</b>	decreases	increases
<input type="checkbox"/> <b>C</b>	increases	decreases
<input type="checkbox"/> <b>D</b>	increases	increases

(Total for Question 7 = 1 mark)