

4 A light dependent resistor is connected across a cell of negligible internal resistance. The light intensity is increased.

Which of the following statements about the current is correct?

- ☐ A It decreases because there is an increase in the number of conduction electrons.
- ☐ B It increases because there is an increase in the number of conduction electrons.
- ☐ C It decreases because the amplitude of lattice vibrations decreases.
- ☐ D It increases because the amplitude of lattice vibrations increases.

(Total for Question 4 = 1 mark)