

4 In a current-carrying copper wire, the drift velocity of the electrons is very small.

Which of the following best explains this?

- ☐ A The charge on an electron is very small.
- ☐ B The cross-sectional area of the wire is very small.
- ☐ C The current in the wire is very large.
- ☐ D The number of electrons per unit volume for copper is very large.

(Total for Question 4 = 1 mark)