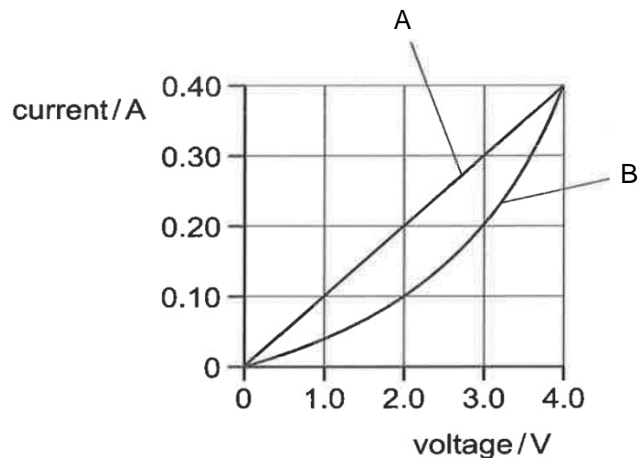


- 23** The current-voltage characteristics of two electrical components A and B are shown below.



Which statement is correct?

- A** For a current of 0.20 A, the resistance of B is 50% more than the resistance of A.
- B** For a current of 0.20 A, the power dissipated in B is double that of the power dissipated in A.
- C** When A and B are connected in parallel with an e.m.f. of 3.0 V placed across it, the total current is 0.3 A.
- D** When A and B are connected in series with an e.m.f. of 5.0 V placed across it, the potential difference across B is 2.0 V.