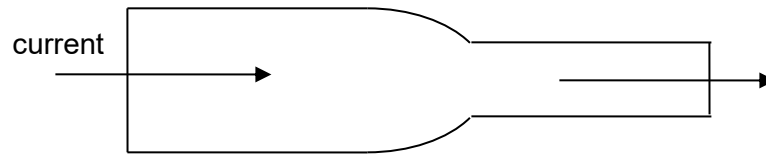


- 21** The figure shows the top view of a metal strip of uniform thickness. The width of the narrow section is half the width of the wide section.



Which statement is correct?

- A** The potential difference per unit length of the narrow section is the same as the potential difference per unit length of the wide section.
- B** The potential difference per unit length of the narrow section is smaller than the potential difference per unit length of the wide section.
- C** The resistance of the narrow section will be smaller and hence more current will flow through as compared to the wide section.
- D** The resistance per unit length of the narrow section is twice that of the wide section.