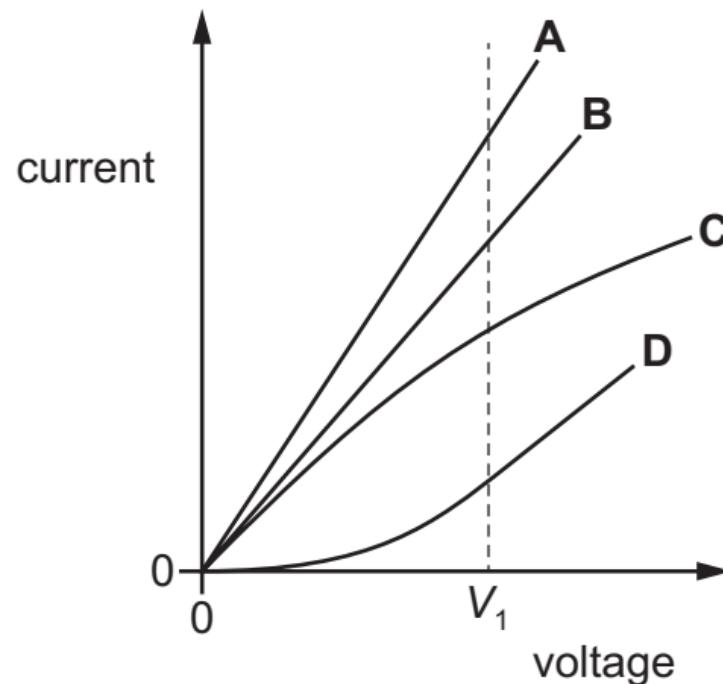


31 The I - V characteristics for four components, **A**, **B**, **C** and **D**, are shown.

Which component has the greatest resistance when the potential difference across it is V_1 ?



32 A diode is connected in series with a 4 V battery and its I - V characteristic graph is shown.