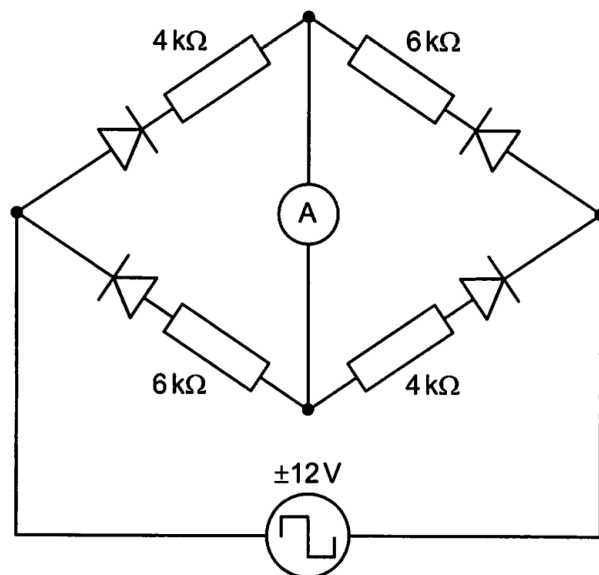


- 27 The diagram shows a diode-resistor network. The network is connected to a 12 V source that changes its polarity at regular intervals. The direction of the current leaving the source is either left to right or right to left.



The ammeter records the mean current in the central link between the upper and lower parts of the network. The diodes have either zero or infinite resistance.

What is the mean reading on the ammeter?

- A** 1.00 mA      **B** 1.25 mA      **C** 1.50 mA      **D** 2.50 mA