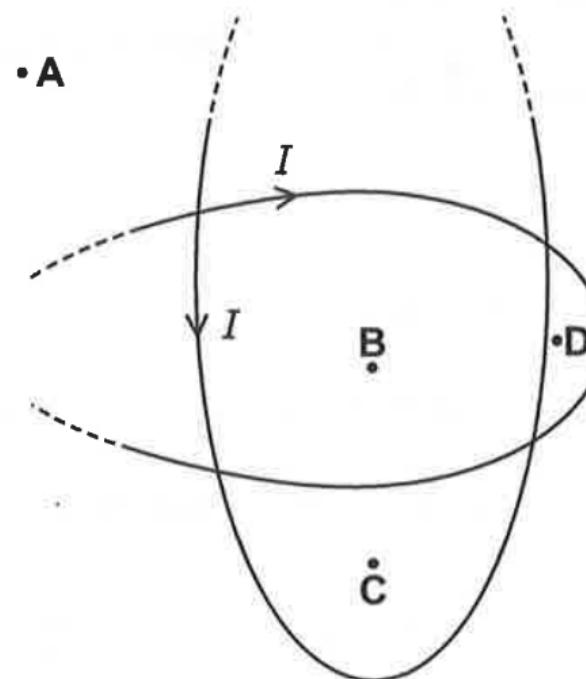


- 27 A long length of insulated wire carries a current  $I$ . The wire is dropped onto the ground causing part of the wire to form two horizontal overlapping loops, as shown.

At which labelled point is the magnetic flux density due to the current in the wire the greatest?



- 28 The diagram shows a loosely wound solenoid connected to an a.c. supply of frequency  $f$  and a