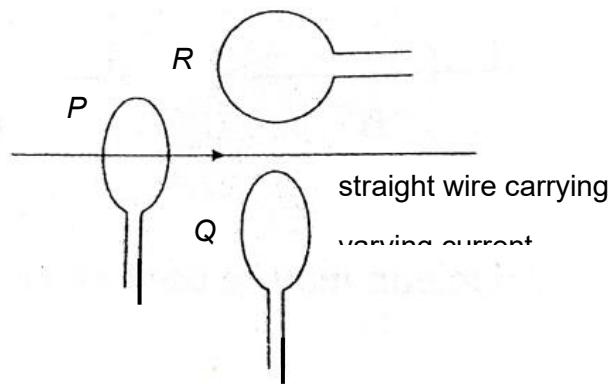


- 25 Three identical circular coils  $P$ ,  $Q$  and  $R$  are placed near a long straight wire that carries a varying current. The planes of coils  $P$  and  $Q$  are perpendicular to the wire that passes through the centre of coil  $P$ . Coil  $R$  and the wire lie in the same plane.



Which of the coils will develop an e.m.f. across the ends?

A  $P$  only

B  $Q$  only

C  $R$  only

D  $P$  and  $Q$  only