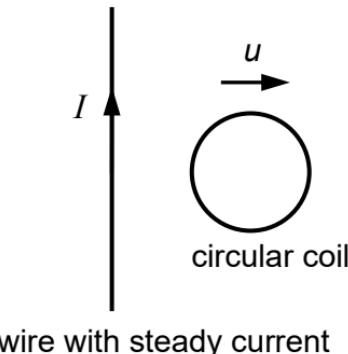


- 25 A fixed long straight wire carrying current  $I$  is placed close to a circular conducting coil. The circular coil is moving away from the wire with an initial speed  $u$ .



Which row correctly describes the direction of the induced current and the speed of the circular coil as the coil moves away from the wire?

	direction of induced current	speed
A	clockwise	no change
B	clockwise	decrease
C	anticlockwise	no change
D	anticlockwise	decrease

- 26 In the circuit shown,  $D_1$  and  $D_2$  are ideal diodes. Resistor  $R_1$  has a resistance of  $2R$ . Resistors