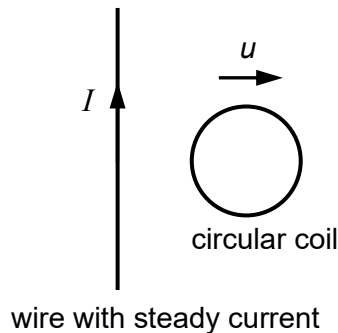


- 25** A fixed long straight wire carrying current I is placed close to a circular conducting coil. The circular coil is moving away from the wire with an initial speed u .



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 $2R$. Resistor