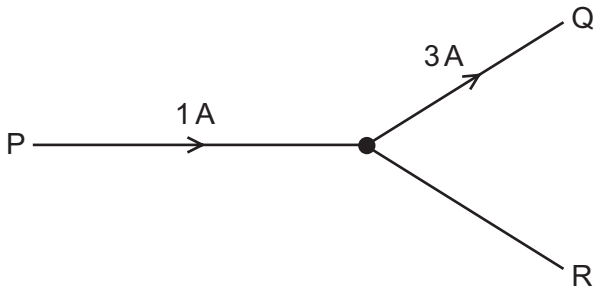


- 32** The diagram shows a junction in a circuit where three wires P, Q and R meet. The currents in P and Q are 1 A and 3 A respectively, in the directions shown.



How much charge passes a given point in wire R in a time of 5 s?

- A** 0.4 C                      **B** 2 C                      **C** 10 C                      **D** 20 C

- 33** A wire carries a current of 2.0 A for 1.0 hour