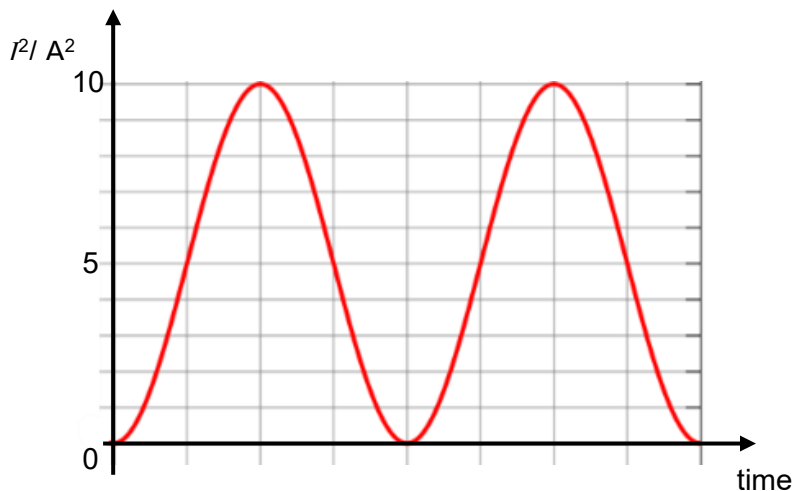


- 26** The alternating current from an a.c. mains supply varies sinusoidally. The graph shows how the square of the current I in a given resistor varies with time.



Which direct current in the same resistor would generate the same average power as that from the alternating current?

- A** 2.2 A **B** 2.8 A **C** 3.2 A **D** 7.1 A

- 27** A metal has a work function of 2.3 eV.