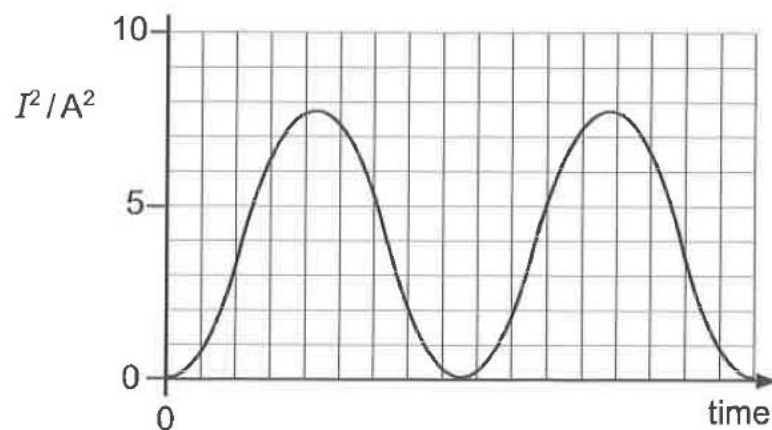


- 26** The alternating current from an a.c. mains supply varies sinusoidally. The graph below shows how the square of the current  $I$  in a given resistor varies with time.



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

- A** 2.0 A                      **B** 2.8 A                      **C** 3.9 A                      **D** 5.5 A