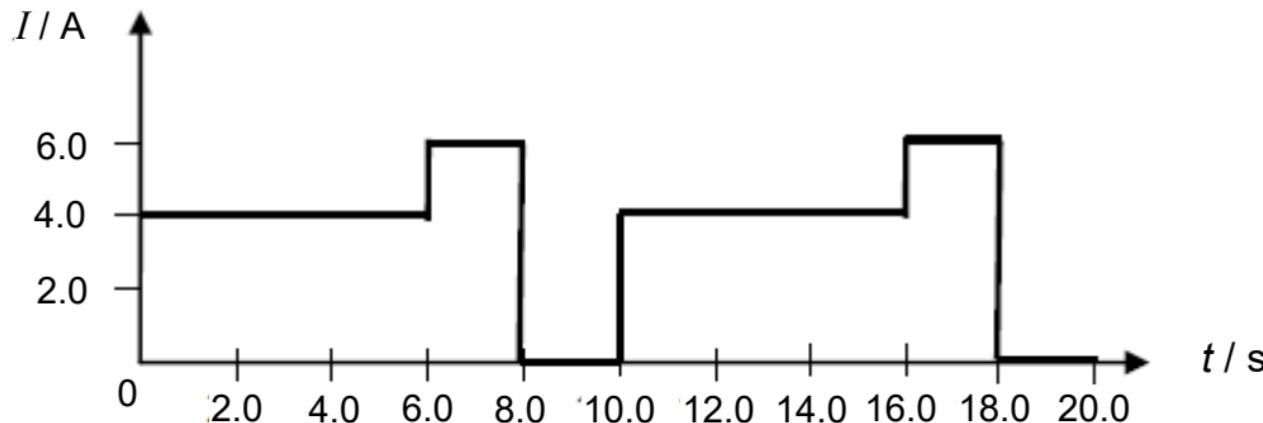


**27** A varying d.c. current is passed through a certain resistor as shown below.



The r.m.s value of the given current is

A    2.12 A

B    4.10 A

C    4.58 A

D    16.8 A

**28** A sinusoidal current of peak value  $I$  is passed through a resistor  $R$  with a diode connected