

- (a) 1/√2 A.
 (b) √2 A.
 (c) 2 A.

- (d) 2√2 A.

7. For the given step-down transformer, $V_{out} = 24 \text{ V} \text{ (RMS value)}$ $G_s = 12 \text{ W}$ $\frac{1}{3} = \frac{12}{3} \Rightarrow 1 \text{ A(RMS value)}$ $\frac{1}{24} = \frac{12}{24} \Rightarrow 1 \text{ A(RMS value)}$ $\frac{1}{24} = \frac{12}{3} \Rightarrow 1 \text{ A(RMS value)}$ $\frac{1}{3} = \frac{12}{3} \Rightarrow 1 \text{ A(RMS value)}$