

Analog 12.7

EE:1205 Signals and System
Indian Institute of Technology, Hyderabad

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- Question 15** A $100\mu\text{F}$ capacitor in series with a 40Ω resistance is connected to a 110V, 60Hz supply.
- (a) What is the maximum current in the circuit?
 - (b) What is the time lag between the current maximum and the voltage maximum?

Solution