本試題雙面印刷
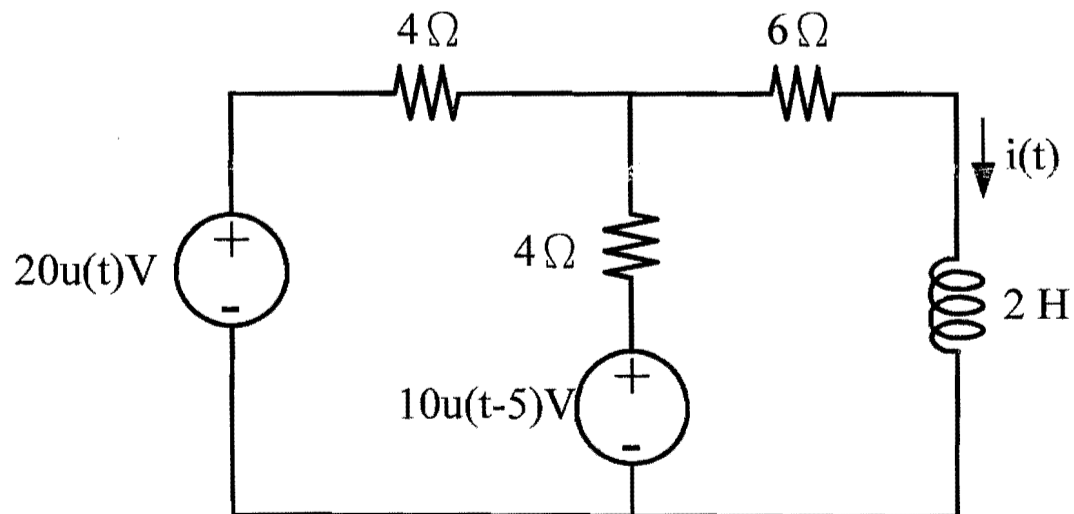
1. Consider the following circuit.

(a) Find I_1 and I_2. (10%)

(b) Find power dissipation of each resistor. (10%)

(c) Find power supply of each source. (10%)
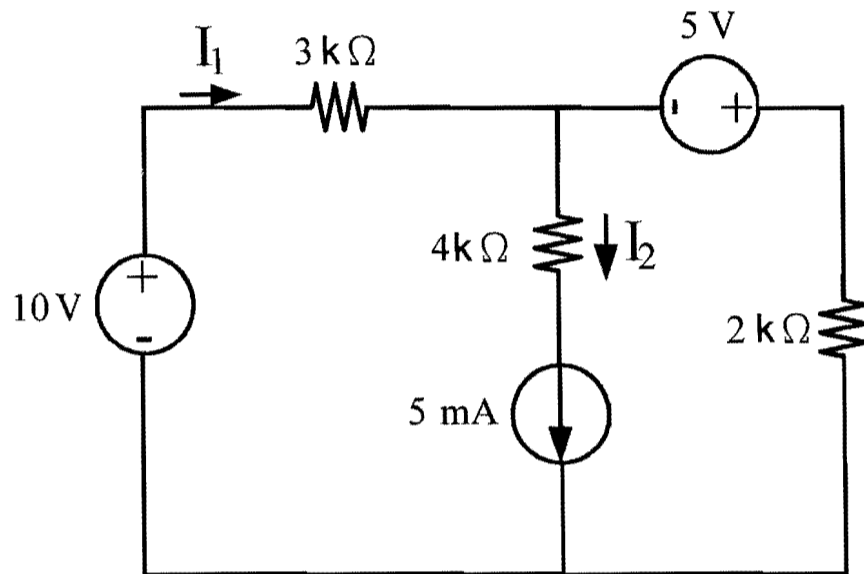
2. Consider the following circuit.

(a) Draw time domain waveform of the two voltage source. (10%)
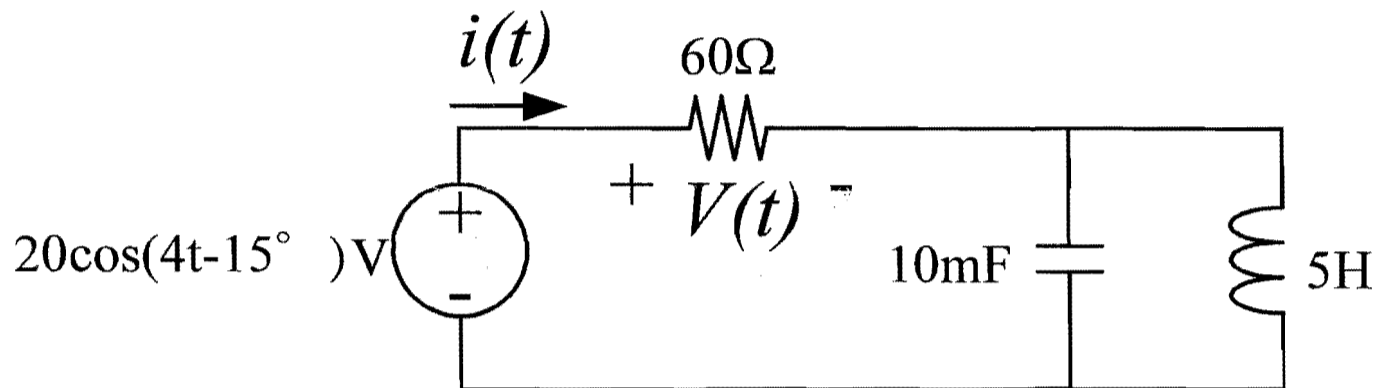
(b) Find i(t). (10%)

(c) Calculate i for t=2 sec and 6 sec. (10%)

背面尚有試題

3. Consider the following circuit

(a) Find i(t) (10%)

(b) Find v(t) (10%)

4. Consider the following circuit

(a) Find Thevenin equivalent circuit between a and b. (10%)

(b) Find Norton equivalent circuit between a and b. (10%)