KOÇ UNIVERSITY

Spring Semester 2014

College of Sciences

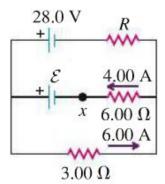
Section 1 Quiz 6 20 March 2014

Closed book. No calculators are to be used for this quiz. Quiz duration: 10 minutes

Name: Student ID: Signature:

In the circuit shown below;

- a) Find the current in resistor R
- b) Find the resistance R
- c) Find the unknown emf ε
- d) If the circuit is broken in the point x, what is the current in resistor R?



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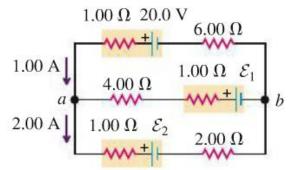
Section 3 Quiz 6 20 March 2014

Closed book. No calculators are to be used for this quiz. Quiz duration: 10 minutes

Name: Student ID: Signature:

In the circuit shown below;

- a) Find the emfs of ε_1 and ε_2 ,
- b) Find the potential difference of point b relative to point a.



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Section 5 Quiz 6 20 March 2014

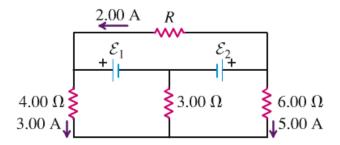
Closed book. No calculators are to be used for this quiz. Quiz duration: 10 minutes

Name: Student ID: Signature:

In the circuit shown below;

- a) Find the current in the 3.00 Ω resistor,
- b) Find the unknown emfs of ε_1 and ε_2 ,
- c) Find the resistance R.

Note that three currents are given.



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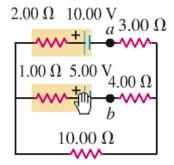
Section 2 Quiz 6 20 March 2014

Closed book. No calculators are to be used for this quiz. Quiz duration: 10 minutes

Name: Student ID: Signature:

In the circuit shown below;

- a) Find the current in each branch,
- b) Find the potential difference V_{ab} of point a relative to point b.



PHYS 102: General Physics 2 KOÇ UNIVERSITY Spring Semester 2014

College of Sciences

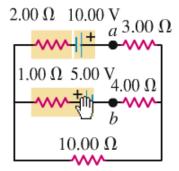
Section 4 Quiz 6 20 March 2014

Closed book. No calculators are to be used for this quiz. Quiz duration: 10 minutes

Name: Student ID: Signature:

In the circuit shown below,

- a) Find the current in each branch,
- b) Find the potential difference V_{ab} of point a relative to point b.



PHYS 102: General Physics 2 KOÇ UNIVERSITY Spring Semester 2014

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Section 6 Quiz 6 20 March 2014

Closed book. No calculators are to be used for this quiz. Quiz duration: 10 minutes

Name: Student ID: Signature:

In the circuit shown below,

- a) Find the current in each branch,
- b) Find the potential difference $V_{ab} V_{ab}$ of point a relative to point b.

