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Started on	Wednesday, 10 July 2019, 8:58 PM
State	Finished
Completed on	Wednesday, 10 July 2019, 9:00 PM
Time taken	2 mins 33 secs
Grade	38.00 out of 38.00 (100 %)

Question 1

Correct

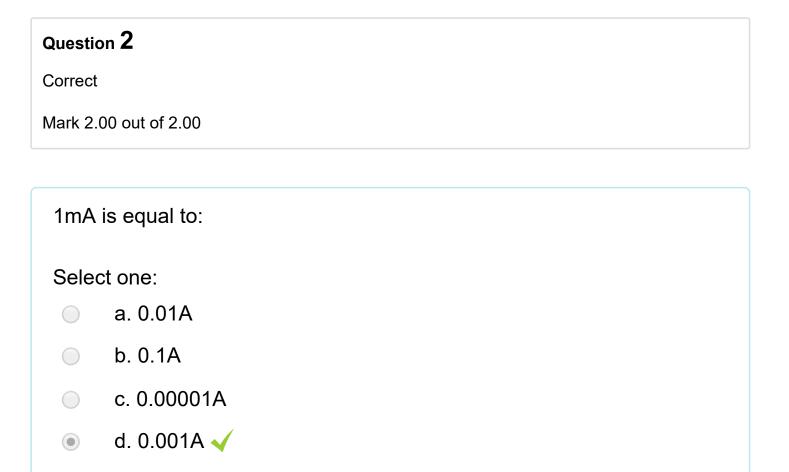
Mark 2.00 out of 2.00

1,200mV is equal to:

Select one:

- a. 1.2v ✓
- b. 12v
- c. 0.0012v
- d. 0.12v

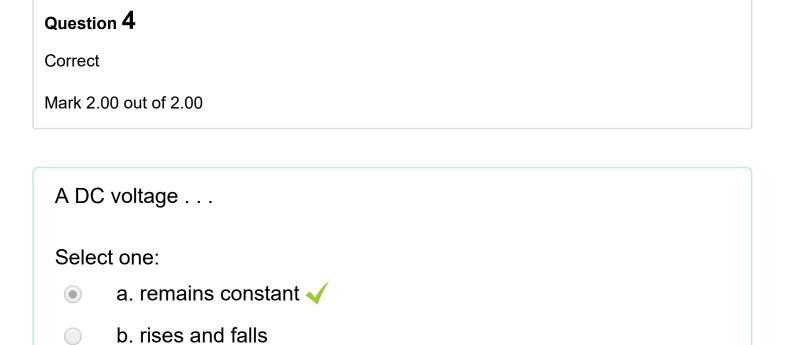
The correct answer is: 1.2v



The correct answer is: 0.001A

Questic	on 3
Correct	
Mark 2.0	00 out of 2.00
A 10	resistor in parallel with 10k produces:
Selec	ct one:
	a. 10k
	b. 5k √
	c. 20k
	d. Cannot be determined

The correct answer is: 5k



The correct answer is: remains constant

c. is a sinewave

d. is an audio waveform



A red-red-gold resistor in series with an orange-orange-orange-gold resistor produces:

Select one:

- a. 5k5 ohms
- b. 35,200 ohms
- c. 55k ohms
- d. None of the above

The correct answer is: 35,200 ohms

Correct

Mark 2.00 out of 2.00

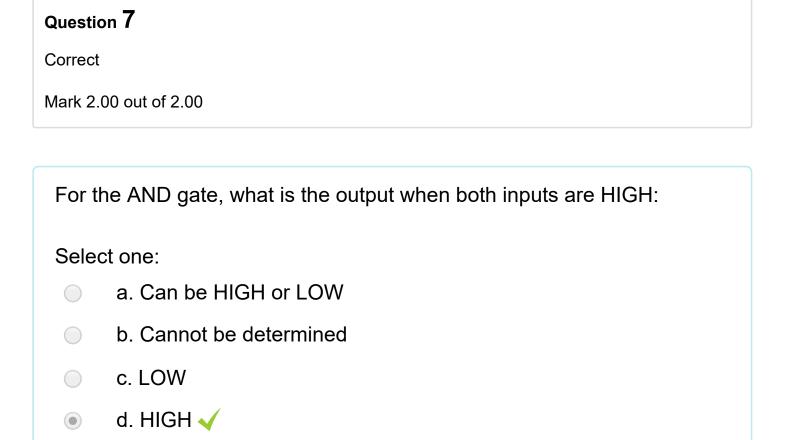
Choose the set that has 4 resistors in ascending order.

Select one:

- a. 4k7 10k 47R 330k
- b. 22R 270k 2k2 1M
- c. 3R3 4R7 22R 5k6

 ✓
- d. 100R 10k 1M 3k3

The correct answer is: 3R3 4R7 22R 5k6



The correct answer is: HIGH

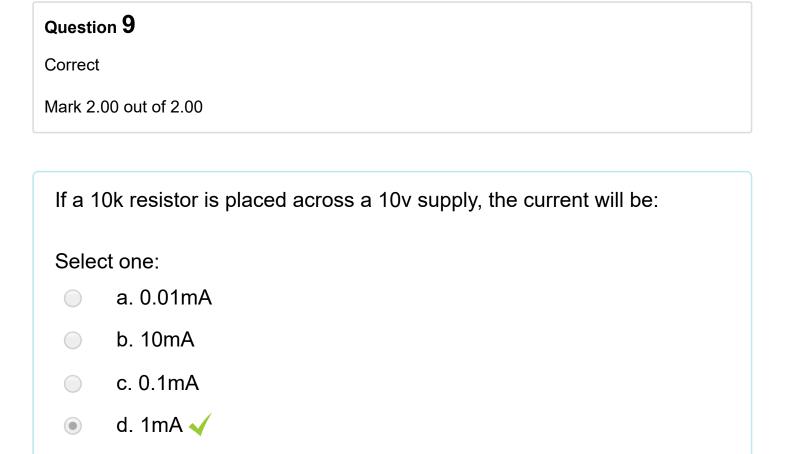


For the XOR gate, what is the output when both inputs are HIGH:

Select one:

- a. LOW
- b. HIGH
- c. Cannot be determined
- d. Can be HIGH or LOW

The correct answer is: LOW



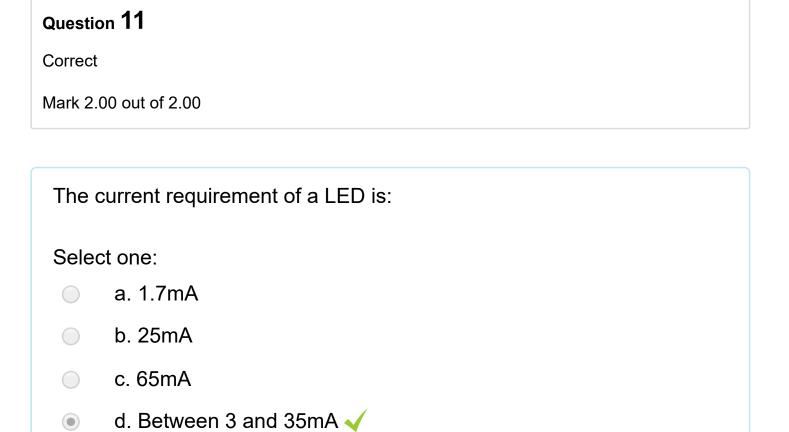
The correct answer is: 1mA

Question 10	
Correct	
1ark 2.00 out of 2.00	
	_
If two resistors are placed in series, is the final resistance:	
Select one:	
a. Higher 	
b. Lower	

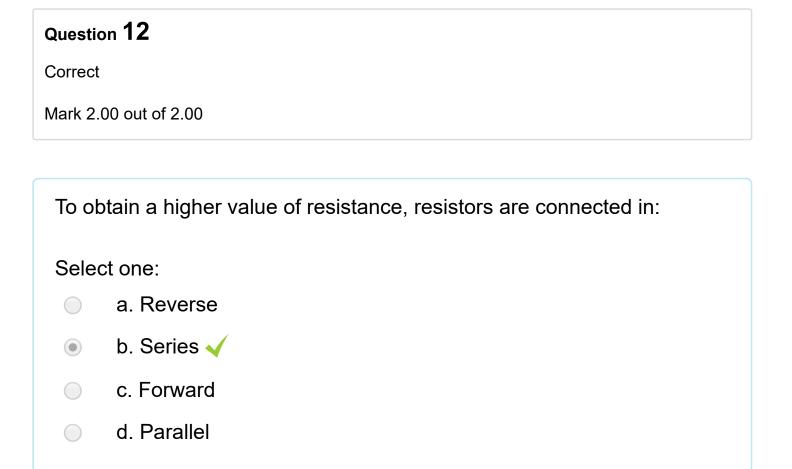
The correct answer is: Higher

d. Cannot be determined

c. The same



The correct answer is: Between 3 and 35mA



The correct answer is: Series

Correct

Mark 2.00 out of 2.00

Using the color code below, determine the value of each of the resistors. Hint: You may want to use Lab 0 Appendix B for the resistor color code. Color code: red, orange, red

Select one:

- a. 3200 ohms
- b. 320 ohms
- c. 230 ohms
- d. 2300 ohms ✓

The correct answer is: 2300 ohms

Correct

Mark 2.00 out of 2.00

Using the color code below, determine the value of each of the resistors. Hint: You may want to use Lab0 Appendix B for the resistor color code. Color code: brown, black, orange

Select one:

- a. 10 K ohms √
- b. 1 K ohms
- c. 100 K ohms
- d. 100 ohms

The correct answer is: 10 K ohms

Correct

Mark 2.00 out of 2.00

Using the color code below, determine the value of each of the resistors. Hint: You may want to use Lab0 Appendix B for the resistor color code. Color code: orange, orange, orange

Select one:

- a. 330 K ohms
- b. 33 K ohms
 √
- c. 330 ohms
- d. 3.3 K ohms

The correct answer is: 33 K ohms

Correct

Mark 2.00 out of 2.00

Using the color code below, determine the value of each of the resistors. Hint: You may want to use Lab0 Appendix B for the resistor color code. Color code: brown, black, green

Select one:

- a. 10 K ohms
- b. 1 K ohms
- c. 1 M ohms

 ✓
- d. 100 K ohms

The correct answer is: 1 M ohms

Correct

Mark 2.00 out of 2.00

Using the color code below, determine the value of each of the resistors. Hint: You may want to use Lab0 Appendix B for the resistor color code. Color code: red-red-gold

Select one:

- a. 2.2 K ohms 5%
- b. 2.2 K ohms 10%
- o. 2.2 K ohms 2%
- d. 2.2 K ohms 1%

The correct answer is: 2.2 K ohms 5%



Correct

Mark 2.00 out of 2.00

What does the acronym LED mean?

Select one:

- a. Light Emitting Display
- b. Low Energy Display
- c. Light Emitting Diode
- d. Light Emitting Detector

The correct answer is: Light Emitting Diode

Question	1	9
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Correct

Mark 2.00 out of 2.00

What is the approximate characteristic voltage that develops across A red LED?

Select one:

- a. 1.7 V
- b. 0.6 V
- c. 5 V
- d. 3.4 V

The correct answer is: 1.7 V

■ Lab Assessment

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Homework 1 Quiz ▶