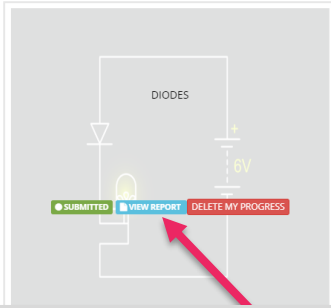


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## Diodes

Assessments

Question

1-1 What is a diode?

Answer

- A semiconducting device that allows current to flow in multiple directions.
- A semiconducting device that doesn't allow current to flow in any direction.
- A semiconducting device that allows current to flow in one direction but not the other.
- A semiconducting device that allows current to flow in opposite directions.

Mark: 1.0 of 1.0

Question

1-2 Which one of the following statements is true about the normal operation of a diode?

Answer

- When the voltage across the diode is positive, current can flow once the voltage has become large enough. When the voltage is negative, there is no flow of current.
- When the voltage across the diode is negative, current can flow. When the voltage across the diode is positive, there is no flow of current.
- There is no flow of current regardless of the voltage of the diode whether it is positive or negative.

Mark: 1.0 of 1.0

Mark: 0.0 of 0.0

Simulate: Explore the Behavior of a Diode

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Lab Overview

Diodes

- Simulate: Explore the Behavior of a Diode
- Implement: Observing Diode Behavior
- Exercise: Diode Measurements
- Simulate: Diodes in a Clipper Circuit
- Analysis
- Diodes in a Half-Wave Rectifier
- Exercise: Diodes in a Half-Wave Rectifier
- Conclusion

Use the menu to navigate between steps

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