DELAWARE PHYSICS · UNIT 3 · 5 QUESTIONS

Electricity, Magnetism, and Waves — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Which of the following is an example of wavelength?**

- A electrons moving through a wire
- B crest to crest distance
- C a battery pushing charge around a circuit
- D a thin wire resisting current

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2

Which statement best describes wavelength?

A current is measured in amperes

B voltage is measured in volts

C wavelength × frequency equals wave speed

D resistance is measured in ohms

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3 **Large ocean wave curling and breaking at sea. Which term is defined as follows: the maximum displacement of a wave from rest?**



A electric current

B amplitude

C voltage

D resistance

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4 **Which of the following is an example of amplitude?**

- A electrons moving through a wire
- B a battery pushing charge around a circuit
- C the height of a wave crest
- D a thin wire resisting current

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5 **Which statement best describes amplitude?**

- A current is measured in amperes
- B voltage is measured in volts
- C resistance is measured in ohms
- D amplitude relates to wave energy

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ANSWER KEY

1. B
2. C
3. B
4. C
5. D

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