ELECTRICITY, MAGNETISM, AND WAVES - PRACTICE TEST | MISSISSIPPI PHYSICS · UNIT 3 · 5 QUESTIONS

Electricity, Magnetism, and Waves, 5-question test — 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

A current of 2 A flows through a resistor of 9 ohms. The voltage across it is

Question 1

A current of 2 A flows through a resistor of 9 ohms. The voltage across it is

A) 18 V

B) 4.5 V

C) 11 V

D) 7 V

- A 18 V
- B 4.5 V
- C 11 V
- D 7 V

Understand It with Pulse

Flag a mistake

2 Resistors of 5 ohms and 5 ohms in parallel have total resistance

Question 2

Resistors of 5 ohms and 5 ohms in parallel have total resistance

A) 10 ohms

B) 25 ohms

C) 2.5 ohms

D) 0 ohms

- A 10 ohms
- B 25 ohms
- C 2.5 ohms
- D 0 ohms

Understand It with Pulse

Flag a mistake

3

A large ocean wave curls and breaks at sea. A wave has frequency 10 Hz and wavelength 3 m. Its speed is



Question 3

A large ocean wave curls and breaks at sea. A wave has frequency 10 Hz and wavelength 3 m. Its speed is

A) 3.33 m/s

B) 13 m/s

C) 0.3 m/s

D) 30 m/s

A 3.33 m/s

B 13 m/s

C 0.3 m/s

D 30 m/s

Understand It with Pulse

Flag a mistake

4

If the frequency of a wave doubles while its speed stays the same, its wavelength

Question 4

If the frequency of a wave doubles while its speed stays the same, its wavelength

A) doubles

B) halves

C) quadruples

D) stays the same

A doubles

B halves

C quadruples

D stays the same

Understand It with Pulse

Flag a mistake

5 Opposite electric charges

Question 5

Opposite electric charges

A) repel

B) attract

C) have no effect

D) always cancel to zero force

A repel

B attract

C have no effect

D always cancel to zero force

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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