CONNECTICUT PHYSICS · UNIT 3 · 10 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 **The unit of electric current is the**

- **A** volt
- **B** ohm
- **C** ampere
- **D** watt

Understand It with Pulse | Flag a mistake

2 **The unit of resistance is the**

A ampere

B volt

C coulomb

D ohm

Understand It with Pulse | Flag a mistake

3 **In a series circuit, the current is**

A the same everywhere

B different everywhere

C zero

D doubled at each resistor

Understand It with Pulse | Flag a mistake

4 **In a parallel circuit, the voltage across each branch is**

- A different
- B the same
- C zero
- D halved

Understand It with Pulse | Flag a mistake

5 **A wave transfers**

- A matter without energy
- B both matter and energy equally
- C energy without transferring matter
- D neither

Understand It with Pulse | Flag a mistake

6 **Two resistors in a simple counting setup : 2 + 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Two resistors in a simple counting setup : 3 + 3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Two resistors in a simple counting setup : 4 + 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Two resistors in a simple counting setup : 5 + 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Two resistors in a simple counting setup : 6 + 6 is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	C	**5.**	C	**9.**	10
2.	D	**6.**	4	**10.**	12
3.	A	**7.**	6		
4.	B	**8.**	8		

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