NEWFOUNDLAND AND LABRADOR PHYSICS 3204 · UNIT E · 5 QUESTIONS

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 **A crest is a point of maximum positive displacement and a trough is a point of maximum**

- A negative displacement
- B positive displacement
- C zero displacement
- D speed

Understand It with Pulse | Flag a mistake

2

A standing wave forms when two waves of the same frequency travel in opposite directions and

A refract

B interfere

C diffract

D reflect only

Understand It with Pulse

Flag a mistake

3 **A node in a standing wave is a point of no**



A frequency

B wavelength

C displacement

D energy

Understand It with Pulse | Flag a mistake

4 **An antinode in a standing wave is a point of maximum**

A density

B pressure only

C frequency

D displacement

Understand It with Pulse | Flag a mistake

5 **Resonance occurs when a system is driven at its natural**

A frequency

B amplitude

C wavelength

D speed

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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