BRITISH COLUMBIA PHYSICS 11 (MPH--11) · UNIT D · 5 QUESTIONS

Mechanical 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 tall white lighthouse with a red top on a rocky coast at sunset, ocean waves below. Frequency is the number of waves passing a point per



A metre

B minute

C hour

D second

Understand It with Pulse | Flag a mistake

2 **A wave has frequency 8 Hz and wavelength 3 m. The wave speed, in metres per second, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A wave has a period of 0.5 s. The frequency, in hertz, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The graph shows displacement against position for a wave. Each x unit is 1 m. The amplitude, in metres, is**

A 4

B 2

C 8

D 6

Understand It with Pulse | Flag a mistake

5 **In general, sound travels faster in solids than in**

A a vacuum

B water

C air

D liquids

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. D
2. 24
3. 2
4. A
5. C

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