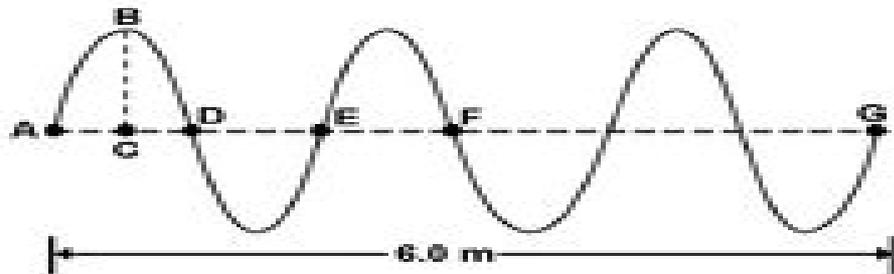


WAVES QUIZ

Multiple Choice: Select the most correct answer. (15 K)



- The diagram represents a wave pattern in a certain medium. The wavelength in the diagram is represented by the distance from:
A) A to D B) B to C C) D to F D) F to G E) D to G
- As a wave front crosses a boundary between two different media, the wave front may change direction, an interaction known as:
A) reflection B) refraction C) diffraction
D) absorption E) none of the above
- Waves are affected by boundaries. When a wave front meets a certain boundary, all of the following may occur EXCEPT a change:
A) of direction B) in the pattern of the wavefront C) of frequency D) of amplitude
- Which of the following most affects the wavelength of a mechanical wave moving through a medium? Assume that the frequency of the wave remains constant.
A) the nature of the medium B) the height of a crest
C) the amplitude D) the energy carried by the wave
- The difference between a transverse and a longitudinal wave is
A) a longitudinal wave carries more energy
B) the oscillations are perpendicular to the direction of travel in a transverse wave and parallel in a longitudinal wave
C) the oscillations are parallel to the direction of travel in a transverse wave and perpendicular in a longitudinal wave
D) a transverse wave has greater amplitude
E) none of these

Physics Multiple Choice Questions And Answers Waves

Arshad Iqbal



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2006 Physics Education Research Conference Laura McCullough, Paula Heron, Leon Hsu, 2007-03-05 Syracuse New York 26 27 July 2006

Understanding Physics Michael E. Browne, 1983 The American Annual Cyclopeda and Register of Important Events of the Year ... , 1894

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American Journal of Physics , 2002

Sparknotes SAT. , 2005

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