

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The waves, which are used to detect the broken bones are called:	A. <p class="MsoNormal">Light waves</o:p></o:p></p> B. <p class="MsoNormal">x-rays</o:p></o:p></p> C. <p class="MsoNormal">sound waves</o:p></o:p></p> D. <p class="MsoNormal">both b and c</o:p></o:p></p>
2	The disturbance travelling in a medium is called:	A. <p class="MsoNormal">Wave motion</o:p></o:p></p> B. <p class="MsoNormal">Simple harmonic motion</o:p></o:p></p> C. Motion D. both a and b
3	Which of the following characteristics of a wave is independent of the others:	A. speed B. frequency C. amplitude D. wavelength
4	A large ripple tank with a vibrator working at a frequency of 30 Hz produces 25 complete waves in a distance of 50 cm. The velocity of the wave is:	A. <p class="MsoNormal">53 cms^{-1</o:p>}</o:p></p> B. <p class="MsoNormal">60 cms^{-1</o:p>}</o:p></p> C. <p class="MsoNormal">750 cms^{-1</o:p>}</o:p></p> D. <p class="MsoNormal">1500cms^{-1</o:p>}</o:p></p>
5	In a vacuum all electromagnetic waves have the same:	A. <p class="MsoNormal">Speed</o:p></o:p></p> B. frequency C. amplitude D. wavelength
6	Which of the following is a method of energy transfer:	A. <p class="MsoNormal">Conduction</o:p></o:p></p> B. <p class="MsoNormal">Radiation</o:p></o:p></p> C. <p class="MsoNormal">Wave motion</o:p></o:p></p> D. <p class="MsoNormal">All of these</o:p></o:p></p>
7	Waves transfer:	A. <p class="MsoNormal">Energy</o:p></o:p></p> B. <p class="MsoNormal">Wavelength</o:p></o:p></p> C. <p class="MsoNormal">Velocity</o:p></o:p></p> D. frequency
8	Which of the following devices can be used to produce both a transverse and longitudinal waves:	A. <p class="MsoNormal">A string</o:p></o:p></p> B. <p class="MsoNormal">A ripple tank</o:p></o:p></p> C. <p class="MsoNormal">A helical spring (slinky)</o:p></o:p></p> D. <p class="MsoNormal">A tuning fork</o:p></o:p></p>
9	If the mass of the bob of a pendulum is increased by a factor of 3, the period of the pendulum's motion will:	A. <p class="MsoNormal">Be increased by a factor of 2</o:p></o:p></p> B. <p class="MsoNormal">Remain the same</o:p></o:p></p> C. <p class="MsoNormal">Be decreased by a factor of 2</o:p></o:p></n>

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D. <p class="MsoNormal">Be decreased by factor of 4<o:p></o:p></p>

10 Which of the following is an example of simple harmonic motion:

- A. <p class="MsoNormal">Motion of a simple pendulum<o:p></o:p></p>
 - B. <p class="MsoNormal">The motion of ceiling fan<o:p></o:p></p>
 - C. <p class="MsoNormal">The spinning of the earth on its axis<o:p></o:p></p>
 - D. <p class="MsoNormal">A bouncing ball on a floor<o:p></o:p></p>
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11 Typographical errors in BASIC statements are:

- A. Runtime errors
 - B. Logical Errors
 - C. Syntax errors
 - D. Execution errors
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12 Which of the following tasks are performed by most of the algorithms?

- A. Input
- B. Out put
- C. Processing
- D. All of these