

## Sound

Sr	Questions	Answers Choice
1	What is fitted in telephone receiver:	<p>A. <input type="radio"/> Electromagnet</p> <p>B. <input type="radio"/> Diaphragm</p> <p>C. <input checked="" type="radio"/> Both a and b</p> <p>D. <input type="radio"/> None</p>
2	In simple harmonic motion, the acceleration of the body is..... Proportional to the displacement.	<p>A. <input type="radio"/> Inversely</p> <p>B. <input checked="" type="radio"/> Directly</p> <p>C. <input type="radio"/> Equally</p> <p>D. <input type="radio"/> Ration</p>
3	The loudness of sound is most closely related to its:	<p>A. <input type="radio"/> Frequeucy</p> <p>B. <input type="radio"/> Period</p> <p>C. <input type="radio"/> Wavelength</p> <p>D. <input checked="" type="radio"/> Amplitude</p>
4	The value of acceleration is simple harmonic motion at mean position is:	<p>A. <input type="radio"/> Maximum</p> <p>B. <input checked="" type="radio"/> Zero</p> <p>C. <input type="radio"/> <math>10 \text{ N} &lt; \text{m} &gt;</math></p> <p>D. <input type="radio"/> Both a and b</p>
5	Which form of energy is sound?	<p>A. <input type="radio"/> Electrical</p> <p>B. <input checked="" type="radio"/> Mechanical</p> <p>C. <input type="radio"/> Thermal</p> <p>D. <input type="radio"/> Chemical</p>
6	The maximum displacement from mean position is called:	<p>A. <input type="radio"/> Maximum height</p> <p>B. <input type="radio"/> Time period</p> <p>C. <input checked="" type="radio"/> Amplitude</p> <p>D. <input type="radio"/> Interval</p>
7	The intensity of lawn mover is:	<p>A. <math>10^{-1} \text{ W m}^{-2}</math></p> <p>B. <math>10^{-2} \text{ W m}^{-2}</math></p> <p>C. <math>10^{-1} \text{ W m}^{-3}</math></p> <p>D. <math>10^{-3} \text{ W m}^{-2}</math></p>
8	The distance between two consecutive compressions or rarefactions in longitudinal waves is called:	<p>A. <input type="radio"/> Amplitude</p> <p>B. <input checked="" type="radio"/> Wavelength</p> <p>C. <input type="radio"/> Half wavelength</p> <p>D. <input type="radio"/> 1/4 wavelength</p>
9	The speed of sound in the air at one atmospheric pressure at room temperature is:	<p>A. <input checked="" type="radio"/> 343 <math>\text{ms}^{-1}</math></p> <p>B. <input type="radio"/> 346 <math>\text{ms}^{-1}</math></p> <p>C. <input type="radio"/> 349 <math>\text{ms}^{-1}</math></p> <p>D. <input type="radio"/> 339 <math>\text{ms}^{-1}</math></p>
10	the number of waves passing through a point in one second is called:	<p>A. <input type="radio"/> time period</p> <p>B. <input type="radio"/> cycle</p> <p>C. <input checked="" type="radio"/> frequency</p> <p>D. <input type="radio"/> amplitude</p>

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11	The example of shock absorber of the vehicles are:	A. Simple harmonic motion B. <p class="MsoNormal">Vibratory motion&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; C. <p class="MsoNormal">Damped motion&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; D. <p class="MsoNormal">Linear motion&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p></p></p>
12	The character by which loud and faint sound can be distinguished is called:	A. Pitch B. Quality C. Loudness D. Intensity
13	The S.I unit of intensity of sound is:	A. Wm B. Wm <sup>2</sup> C. Wm <sup>-2</sup> D. Wm <sup>-1</sup>
14	Old people can not hear sound above then _____ Hz	A. 1000 B. 15000 C. 20000 D. 10000
15	The advantages of electronic mail are:	A. <p class="MsoNormal">Fast communication&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; B. <p class="MsoNormal">Cost free service&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; C. <p class="MsoNormal">More efficient&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; D. <p class="MsoNormal">All of these&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p></p></p></p>
16	The waves in which particles of the medium vibrate perpendicular to the direction of waves are:	A. <p class="MsoNormal">Electromagnetic waves&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; B. <p class="MsoNormal">Sound waves&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; C. <p class="MsoNormal">Both a and b&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; D. <p class="MsoNormal">Transverse waves&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p></p></p></p>
17	The unit of spring constant is:	A. m B. kg C. <p class="MsoNormal">Nm&lt;sup&gt;2&lt;/sup&gt;&lt;o:p&gt;&lt;/o:p&gt;&lt;/sup&gt;&lt;/p&gt; D. <p class="MsoNormal">Nm&lt;sup&gt;-1&lt;/sup&gt;&lt;o:p&gt;&lt;/o:p&gt;&lt;/sup&gt;&lt;/p&gt;</p></p>
18	The frequency of silent whistle is:	A. 20,000 Hz - 25000 Hz B. 2000 Hz - 25000 Hz C. 200 Hz - 2000 Hz D. 25000 Hz
19	Information storage device work on the principles of:	A. <p class="MsoNormal">Heat&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; B. <p class="MsoNormal">Sound&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; C. <p class="MsoNormal">Light&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; D. <p class="MsoNormal">Magnetism&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p></p></p></p>
20	Coaxial cable are used to transmit signals:	A. <p class="MsoNormal">Magnet&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; B. <p class="MsoNormal">Electric&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; C. <p class="MsoNormal">Mechanical&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt; D. <p class="MsoNormal">Both mechanical and magnet&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p></p></p></p>