

## 10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The end of solenoid from which lines of force emerge out is called:	<p>A. North pole            B. South pole            C. North and south pole            D. None of these</p>
2	The combined resistance of two identical resistors, connected in series is $8\Omega$ . Their combined resistance in a parallel arrangement will be:	<p>A. <math>2\Omega</math>            B. <math>4\Omega</math>            C. <math>8\Omega</math>            D. <math>12\Omega</math></p>
3	First voice signal was transmitted in the form of electrical signal in:	<p>A. 1870            B. 1875            C. 1876            D. 1880</p>
4	If one of the resistors in a parallel circuit is removed, the total resistance will be:	<p>A. Doubled            B. Decreased            C. Increased            D. Remain same</p>
5	If there is no extension in the spring then the position is called:	<p>A. Equilibrium position            B. unequilibrium            C. neutral equilibrium            D. stable equilibrium</p>
6	Which among the following radiation has more penetrating power?	<p>A. A beta particle            B. A gamma particle            C. An alpha particle            D. None of these</p>
7	The speed of sound was accurately measured in:	<p>A. 1736            B. 1737            C. 1738            D. 1739</p>
8	The mirror whose outer surface is reflecting is called:	<p>A. Concave mirror            B. Convex mirror            C. Lens            D. Mirror</p>
9	In variable capacitor, dielectric medium is:	<p>A. Paper            B. Air            C. Mica            D. Ceramic</p>
		<p>A. Time</p>

10	The product of frequency and wavelength is equal to:	<p>period</p> <p>B. Amplitude</p> <p>C. Wave speed</p> <p>D. Wave energy</p>
11	The motion in which the friction reduces the mechanical energy of the system as times passes and the amplitude of motion reduces is called:	<p>A. SHM</p> <p>B. Random motion</p> <p>C. Damped motion</p> <p>D. None of these</p>
12	The point through which rays of light pass after reflection from concave mirror is called principal:	<p>A. Focus</p> <p>B. Circle</p> <p>C. Axis</p> <p>D. Radius</p>
13	Sound waves having frequency lower than 20 Hz are called:	<p>A. Ultrasonic</p> <p>B. Infrasonic</p> <p>C. Audible</p> <p>D. Echo</p>
14	SI unit of electric intensity is:	<p>A. NC</p> <p>B. <math>\text{NC}^{-1}</math></p> <p>C. <math>\text{NC}^{-2}</math></p> <p>D. <math>\text{NC}^{-3}</math></p>
15	If 2 joules of energy is required to transfer one coulomb of charge from one point to another, the potential difference between these points will be:	<p>A. 1V</p> <p>B. 2V</p> <p>C. 4V</p> <p>D. 6V</p>
16	The S.I unit of potential difference is:	<p>A. Ampere</p> <p>B. Coulomb</p> <p>C. Volt</p> <p>D. Watt</p>
17	The Half life of a certain isotopes is 1 day. What is the quantity of isotopes after 2 days?	<p>A. One half</p> <p>B. One quarter</p> <p>C. One eight</p> <p>D. None of these</p>
18	The distance between two consecutive compressions or rarefactions in longitudinal waves is called:	<p>A. Amplitude</p> <p>B. Wavelength</p> <p>C. Half wavelength</p> <p>D. 1/4 wavelength</p>
19	The loudness of a sound is most closely related to its:	<p>A. Frequency</p> <p>B. Period</p> <p>C. Wavelength</p> <p>D. Amplitude</p>
20	The waves, which are used to detect the broken bones, are called:	<p>A. Light waves</p> <p>B. x-rays</p> <p>C. Sound waves</p> <p>D. both b,c,</p>