

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

Sr	Questions	Answers Choice
1	The current used in houses is:	<p>A. A.C.</p> <p>B. Conventiona current</p> <p>C. Current</p> <p>D. D.C</p>
2	When a ray of light enters from denser medium to rare medium, the angle of incidence for which angle of refraction is $90^\circ$ is called:	<p>A. Angle of incidence</p> <p>B. Critical angle</p> <p>C. Angle of refraction</p> <p>D. Angle of deviation</p>
3	Which type of energy is converted into mechanical energy in the D.C. Motor.	<p>A. Magnetic energy</p> <p>B. Heat energy</p> <p>C. Electrical energy</p> <p>D. Chemical energy</p>
4	The distance between principal focus and pole of mirror is called:	<p>A. Princpal focus</p> <p>B. Focal length</p> <p>C. P</p> <p>D. Image</p>
5	The speed of sound in iron at $25^\circ\text{C}$ is:	<p>A. 5950 m/sec</p> <p>B. 5900 m/sec</p> <p>C. 6950 m/sec</p> <p>D. 6940 m/sec</p>
6	High pitch means:	<p>A. High wavelength</p> <p>B. High frequency</p> <p>C. High time period</p> <p>D. High energy</p>
7	D.C. motor converts.	<p>A. Mechanical energy into electrical energy</p> <p>B. Mechanical energy into chemical energy</p> <p>C. Electrical energy into mechanical energy</p> <p>D. Electrical energy into chemical energy</p>
8	The technique or method used to absorb undesirable sounds by soft and porous surface is called:	<p>A. Ultrasonic</p> <p>B. Acoustic protection</p> <p>C. Infrasonics</p> <p>D. Echo</p>
9	In totally reflecting prism one angle is of $90^\circ$ , and other two angles are of:	<p>A. <math>30^\circ, 30^\circ</math></p> <p>B. <math>45^\circ, 90^\circ</math></p> <p>C. <math>45^\circ, 45^\circ</math></p> <p>D. <math>40^\circ, 40^\circ</math></p>
10	If the mass of bob of a simple pendulum is doubled, its time period:	<p>A. Is doubled</p> <p>B. Becomes four times</p> <p>C. Remains same</p> <p>D. Becomes half</p>
11	Electric potential and e.m.f.	<p>A. are the same terms</p> <p>B. are the different terms</p> <p>C. have different units</p>

		D. both b and c
12	One byte is equal to:	<p>A. 7 bits</p> <p>B. 5 bits</p> <p>C. 8 bits</p> <p>D. 9 bits</p>
13	The unit of intensity of sound:	<p>A. <math>\text{wm}^{-1}</math></p> <p>B. <math>\text{wm}</math></p> <p>C. <math>\text{wm}^{-2}</math></p> <p>D. <math>\text{wm}^{-3}</math></p>
14	In a convex mirror the size of the image:	<p>A. Is smaller than the size of the object</p> <p>B. Is greater than the size of the object</p> <p>C. Depends upon the position of the object</p> <p>D. Is equal to the size of the object</p>
15	What is the voltage across a $6\Omega$ resistor when 3 A of current passes through it?	<p>A. 2 V</p> <p>B. 9 V</p> <p>C. 18 V</p> <p>D. 36 V</p>
16	Sound waves having frequency higher than 20,000 Hz are called:	<p>A. Ultrasonic</p> <p>B. Infrasonic</p> <p>C. Audible</p> <p>D. Echo</p>
17	At extreme position potential energy of the pendulum is	<p>A. Maximum</p> <p>B. Minimum</p> <p>C. a and b</p> <p>D. zero</p>
18	When light passes through a prism it deviates from its original path due to:	<p>A. Reflection</p> <p>B. Diffraction</p> <p>C. Interference</p> <p>D. Refraction</p>
19	Totally reflecting prism turns the incident ray at an angle of:	<p>A. <math>90^\circ</math></p> <p>B. <math>60^\circ</math></p> <p>C. <math>75^\circ</math></p> <p>D. <math>45^\circ</math></p>
20	The more negative potential of grid, the more electrons will be:	<p>A. Attracted</p> <p>B. Repelled</p> <p>C. Attracted as well as repelled</p> <p>D. Neither attracted nor repelled</p>