

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

Sr	Questions	Answers Choice
1	At extreme position potential energy of the pendulum is:	<p>A. <a href="#">Maximum</a></p> <p>B. <a href="#">Minimum</a></p> <p>C. <a href="#">Both a and b</a></p> <p>D. <a href="#">Zero</a></p>
2	The angle at which prism deviates the incident ray is called:	<p>A. <a href="#">Angle of incident</a></p> <p>B. <a href="#">Angle of reflection</a></p> <p>C. <a href="#">Angle of deviation</a></p> <p>D. <a href="#">Angle of minimum deviation</a></p>
3	The ration of external force applied on the spring to displacement is called:	<p>A. <a href="#">Hooke's law</a></p> <p>B. <a href="#">Constant</a></p> <p>C. <a href="#">Spring constant</a></p> <p>D. <a href="#">Force</a></p>
4	electroscope can also be charges by the process of:	<p>A. <a href="#">electrostatics</a></p> <p>B. <a href="#">electricity</a></p> <p>C. <a href="#">convection</a></p> <p>D. <a href="#">conduction</a></p>
5	When a heavy nucleus splits into lighter nuclei,the process would.	<p>A. <a href="#">Release nuclear energy</a></p> <p>B. <a href="#">absorb nuclear energy</a></p> <p>C. <a href="#">Release Chemical energy</a></p> <p>D. <a href="#">Absorb Chemical Energy</a></p>
6	If the mass of the bob of a pendulum is increased by a factor of 3, the period of the pendulum's motion will:	<p>A. <a href="#">Be increased by a factor of 2</a></p> <p>B. <a href="#">Remain the same</a></p> <p>C. <a href="#">Be decreased by a factor of 2</a></p> <p>D. <a href="#">Be decreased by factor of 4</a></p>
7	If current is flowing from bottom end to the top end in a wire, according to right hand rule the direction of line of forces would be:	<p>A. <a href="#">Anti-clock wise</a></p> <p>B. <a href="#">Clock wise</a></p> <p>C. <a href="#">Left and Right</a></p> <p>D. <a href="#">Along the conductor.</a></p>
8	At extreme position potential energy of the pendulum is	<p>A. <a href="#">Maximum</a></p> <p>B. <a href="#">Miimum</a></p> <p>C. <a href="#">a and b</a></p> <p>D. <a href="#">zero</a></p>
9	The refractive index of ice is:	<p>A. <a href="#">1.00</a></p> <p>B. <a href="#">1.33</a></p> <p>C. <a href="#">1.31</a></p>

		<p>&lt;/o:p&gt;&lt;/p&gt;  D. &lt;p class="MsoNormal"&gt;2.42&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p>
10	Which is the most suitable means of reliable continuous communication between an orbiting satellite and earth:	<p>A. &lt;p class="MsoNormal"&gt;Microwaves&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  B. &lt;p class="MsoNormal"&gt;Radio waves&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  C. &lt;p class="MsoNormal"&gt;Sound waves&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  D. &lt;p class="MsoNormal"&gt;Any light waves&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p>
11	The rating of a fuse wire is always expressed in:	<p>A. &lt;p class="MsoNormal"&gt;ampere-hours&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  B. &lt;p class="MsoNormal"&gt;KWh&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  C. &lt;p class="MsoNormal"&gt;Volts&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  D. &lt;p class="MsoNormal"&gt;Amperes&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p>
12	Which is the unit of energy:	<p>A. &lt;p class="MsoNormal"&gt;KWh&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  B. &lt;p class="MsoNormal"&gt;Electron volt&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  C. &lt;p class="MsoNormal"&gt;Joule&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  D. &lt;p class="MsoNormal"&gt;All of above&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p>
13	Who developed the 1st practical electric battery:	<p>A. Alessandro volta  B. Faraday  C. Newton  D. None of these</p>
14	Simplest electrical circuits use:	<p>A. &lt;p class="MsoNormal"&gt;One wire&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  B. &lt;p class="MsoNormal"&gt;Two wires&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  C. &lt;p class="MsoNormal"&gt;Four wires&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  D. &lt;p class="MsoNormal"&gt;Five wires&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p>
15	The critical angle for a beam of light passing from water into air is 48.8 degrees. This means that all light rays with an angle of incidence greater than this angle will be:	<p>A. Absorbed  B. Totally reflected  C. Partially reflected and partially transmitted  D. Totally transmitted</p>
16	What should household appliances be connected in parallel with the voltage source?	<p>A. to increase the resistance of the circuit  B. to decrease the resistance of the circuit  C. to provide each appliance the same voltage as the power source  D. to provide each appliance the same current as the power source</p>
17	For a normal person audible frequency range for sound wave lies between:	<p>A. &lt;p class="MsoNormal"&gt;10 Hz and 10kHz&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  B. &lt;p class="MsoNormal"&gt;20Hz and 20 kHz&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  C. &lt;p class="MsoNormal"&gt;25 Hz and 25 kHz&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;  D. &lt;p class="MsoNormal"&gt;30Hz and 30 kHz&lt;o:p&gt;&lt;/o:p&gt;&lt;/p&gt;</p>
18	According to Fleming's left hand rule the direction of magnetic field is indicated by:	<p>A. Thumb  B. Forefinger  C. Middle finger  D. Right hand rule</p>
19	If the current in a wire which is placed perpendicular to a magnetic field increases, the force on the wire.	<p>A. Increases  B. Decreases  C. Remains the same  D. Will be zero</p>
20	Which types of image is formed by a concave lens on a screen?	<p>A. Inverted and real  B. Inverted and virtual  C. upright and real  D. Upright and virtual</p>