

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Time period is reciprocal of:	<p>A. Frequency</p> <p>B. Cycle</p> <p>C. Wave-length</p> <p>D. Amplitude</p>
2	Which type of capacitor is cylindrical in shape:	<p>A. Paper capacitor</p> <p>B. Mica capacitor</p> <p>C. Variable capacitor</p> <p>D. Plates capacitor</p>
3	The half life of radium 226 is	<p>A. 1600 year</p> <p>B. 1610 years</p> <p>C. 1620 years</p> <p>D. 1630 years</p>
4	The sensation of sound persists in our brain for:	<p>A. 0.1 sec</p> <p>B. 0.01 sec</p> <p>C. 1 sec</p> <p>D. 10 sec</p>
5	NOT gate is also called:	<p>A. Converter</p> <p>B. Inverter</p> <p>C. Transmitter</p> <p>D. Receiver</p>
6	Capacitors are used to store:	<p>A. Current</p> <p>B. Voltage</p> <p>C. Charge</p> <p>D. Resistance</p>
7	The instrument used to study the properties of waves is called:	<p>A. Ripple tank</p> <p>B. Stroboscope</p> <p>C. Pendulum</p> <p>D. None of these</p>
8	By keeping resistance constant if we double the voltage then current will be:	<p>A. Double</p> <p>B. 4 times</p> <p>C. ¼ times</p> <p>D. Half</p>
9	If there is divergence of leaves by touching a body with electroscope then the body is:	<p>A. Semi conductor</p> <p>B. Neutral</p> <p>C. charge body</p> <p>D. Insulator</p>

10	The diameter of spherical mirror is called:	<p>A. $\langle p \text{ class="MsoNormal">Curvature</o:p></o:p></p>$</p> <p>B. $\langle p \text{ class="MsoNormal">Aperture</o:p></o:p></p>$</p> <p>C. $\langle p \text{ class="MsoNormal">Sphere</o:p></o:p></p>$</p> <p>D. $\langle p \text{ class="MsoNormal">Both a and b</o:p></o:p></p>$</p>
11	Specific resistance of silver = _____ x 10 ⁻⁸ Ohm-meter	<p>A. 5.25</p> <p>B. 2.75</p> <p>C. 1.69</p> <p>D. 1.62</p>
12	In case of OR and AND operation, if switches s ₁ and s ₂ both are open then lamp is:	<p>A. $\langle p \text{ class="MsoNormal">On</o:p></o:p></p>$</p> <p>B. $\langle p \text{ class="MsoNormal">Off</o:p></o:p></p>$</p> <p>C. $\langle p \text{ class="MsoNormal">Sometimes on and sometimes off</o:p></o:p></p>$</p> <p>D. $\langle p \text{ class="MsoNormal">Neither on nor off</o:p></o:p></p>$</p>
13	Instrument used for detecting and testing the nature of charge on a body is called:	<p>A. $\langle p \text{ class="MsoNormal">Incubator</o:p></o:p></p>$</p> <p>B. $\langle p \text{ class="MsoNormal">Spectroscope</o:p></o:p></p>$</p> <p>C. $\langle p \text{ class="MsoNormal">voltmeter</o:p></o:p></p>$</p> <p>D. $\langle p \text{ class="MsoNormal">electroscope</o:p></o:p></p>$</p>
14	The unit of spring constant is:	<p>A. m</p> <p>B. kg</p> <p>C. $\langle p \text{ class="MsoNormal">Nm<sup>2</sup></o:p></o:p></p>$</p> <p>D. $\langle p \text{ class="MsoNormal">Nm<sup>-1</sup></o:p></o:p></p>$</p>
15	The symbol of AND operation is:	<p>A. +</p> <p>B. -</p> <p>C. .</p> <p>D. *</p>
16	A positive electric charge:	<p>A. $\langle p \text{ class="MsoNormal">Attracts other positive charge</o:p></o:p></p>$</p> <p>B. $\langle p \text{ class="MsoNormal">Repels other positive charge</o:p></o:p></p>$</p> <p>C. $\langle p \text{ class="MsoNormal">Attract a neutral charge</o:p></o:p></p>$</p> <p>D. $\langle p \text{ class="MsoNormal">Repels a neutral charge</o:p></o:p></p>$</p>
17	Hard disk is made of:	<p>A. $\langle p \text{ class="MsoNormal">Aluminium</o:p></o:p></p>$</p> <p>B. $\langle p \text{ class="MsoNormal">Copper</o:p></o:p></p>$</p> <p>C. $\langle p \text{ class="MsoNormal">Iron</o:p></o:p></p>$</p> <p>D. $\langle p \text{ class="MsoNormal">Plastic</o:p></o:p></p>$</p>
18	The current which does not change its direction is called:	<p>A. $\langle p \text{ class="MsoNormal">A.C</o:p></o:p></p>$</p> <p>B. $\langle p \text{ class="MsoNormal">D.C</o:p></o:p></p>$</p> <p>C. $\langle p \text{ class="MsoNormal">Conventional</o:p></o:p></p>$</p> <p>D. $\langle p \text{ class="MsoNormal">Transient current</o:p></o:p></p>$</p>
19	The time period of simple pendulum can be calculated by:	<p>A. $T = 2\pi\sqrt{L/g}$</p> <p>B. $T = 2\pi\sqrt{m/k}$</p> <p>C. $T = 2\pi\sqrt{g/L}$</p> <p>D. $T = 2\pi\sqrt{K/m}$</p>

A. $\langle p \text{ class="MsoNormal">Arranging</o:p></o:p></p>$

B. $\langle p \text{ class="MsoNormal">Manipulating</o:p></o:p></p>$

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Which of the following is not processing:

class="msonormal" style="color: red;">Manipulating

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C. <p

class="MsoNormal">Calculating

</o:p></p>

D. <p

class="MsoNormal">Gathering

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