

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The more negative potential of grid, the more electrons will be:	<p>A. $\lt\text{p class="MsoNormal">Attracted</o:p></p>$</p> <p>B. $\lt\text{p class="MsoNormal">Repelled</o:p></p>$</p> <p>C. $\lt\text{p class="MsoNormal">Attracted as well as repelled</o:p></p>$</p> <p>D. $\lt\text{p class="MsoNormal">Neither attracted nor repelled</o:p></p>$</p>
2	Radio waves are:	<p>A. Electric waves</p> <p>B. Electromagnetic waves</p> <p>C. X-rays</p> <p>D. Radio active ways.</p>
3	Short form of information Technology is:	<p>A. IT</p> <p>B. ITS</p> <p>C. CBIS</p> <p>D. IS</p>
4	Why household appliances should be connected in parallel with the voltage source:	<p>A. $\lt\text{p class="MsoNormal">To increase the resistance of the circuit</o:p></p>$</p> <p>B. $\lt\text{p class="MsoNormal">To decrease the resistance of the circuit</o:p></p>$</p> <p>C. $\lt\text{p class="MsoNormal">To provide each appliance the same voltage as the power source</o:p></p>$</p> <p>D. $\lt\text{p class="MsoNormal">To provide each appliance the same current as the power source</o:p></p>$</p>
5	A transformer has 100 turns in its primary and 500 turns in secondary coil. If 6 volts D.C is applied across its primary, the voltage induced across its secondary coil will be:	<p>A. 0 volt</p> <p>B. 30 volts</p> <p>C. 45 volts</p> <p>D. 60 volts</p>
6	An object gains excess negative charge after being rubbed against another object, which is:	<p>A. Neutral</p> <p>B. Negatively charged</p> <p>C. Charged</p> <p>D. Either, a,b,and c</p>
7	A capacitor stores 0.24 coulombs at 10 volts. It capacitance is:	<p>A. $\lt\text{p class="MsoNormal">0.024F</o:p></p>$</p> <p>B. $\lt\text{p class="MsoNormal">0.12F</o:p></p>$</p> <p>C. $\lt\text{p class="MsoNormal">0.6F</o:p></p>$</p> <p>D. $\lt\text{p class="MsoNormal">0.8F</o:p></p>$</p>
8	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> <p>D. both b and c</p>
9	The speed of sound in iron at 25°C is:	<p>A. $\lt\text{p class="MsoNormal">5950 m/sec</o:p></p>$</p> <p>B. $\lt\text{p class="MsoNormal">5900 m/sec</o:p></p>$</p> <p>C. $\lt\text{p class="MsoNormal">6950 m/sec</o:p></p>$</p> <p>D. $\lt\text{p class="MsoNormal">6940 m/sec</o:p></p>$</p>
10	Shock absorbers in automobiles are one practical application of:	<p>A. SHM</p> <p>B. Random motion</p> <p>C. Damped motion</p> <p>D. None of these</p>

A. $\lt\text{p class="MsoNormal">Focal length</o:p></p>$
 B. $\lt\text{p class="MsoNormal">Wave</o:p></p>$

11	The distance between two consecutive waves compressions or rarefactions is called:	<p>B. λ</p> <p>C. $\frac{v}{f}$</p> <p>D. $\frac{v}{T}$</p>
12	Which one is a safety device?	<p>A. Switch</p> <p>B. Fuse</p> <p>C. Circuit breaker</p> <p>D. Both B and C</p>
13	Which statement of the following is false for primary memory?	<p>A. The base of primary memory is electronics</p> <p>B. This is a random access memory</p> <p>C. It gets lost when computer switches off</p> <p>D. It is built on laser technology</p>
14	diamond does not conduct electricity, because it has no:	<p>A. free electrons</p> <p>B. free protons</p> <p>C. free neutrons</p> <p>D. free positive charge</p>
15	The S.I unit of electric power is:	<p>A. Volt</p> <p>B. Watt</p> <p>C. Ampere</p> <p>D. Joule</p>
16	For a normal person audible frequency range for sound wave lies between:	<p>A. 10 Hz and 10 kHz</p> <p>B. 20 Hz and 20 kHz</p> <p>C. 25 Hz and 25 kHz</p> <p>D. 30 Hz and 30 kHz</p>
17	Which among the following radiation has more penetrating power?	<p>A. A beta particle</p> <p>B. A gamma particle</p> <p>C. An alpha particle</p> <p>D. None of these</p>
18	The amount of current that can be felt is:	<p>A. 1 A</p> <p>B. 0.1 A</p> <p>C. 0.001 A</p> <p>D. 2 A</p>
19	Ultrasound waves carry energy:	<p>A. Less</p> <p>B. More</p> <p>C. Equal</p> <p>D. None of these</p>
20	Electron gun has an electrode called for controlling the flow of electrons in the beam:	<p>A. Plate</p> <p>B. Grid</p> <p>C. Screen</p> <p>D. Filament</p>