

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The waves in which particles of the medium vibrate perpendicular to the direction of waves are:	<p>A. <input type="radio"/> Electromagnetic waves</p> <p>B. <input type="radio"/> Sound waves</p> <p>C. <input type="radio"/> Both a and b</p> <p>D. <input checked="" type="radio"/> Transverse waves</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° is called:	<p>A. <input type="radio"/> Angle of incidence</p> <p>B. <input checked="" type="radio"/> Critical angle</p> <p>C. <input type="radio"/> Angle of refraction</p> <p>D. <input type="radio"/> Angle of deviation</p>
3	Astronauts in space need to communicate with each other by radio links because:	<p>A. <input type="radio"/> Sound waves travel very slowly in space</p> <p>B. <input type="radio"/> Sound waves travel very fast in space</p> <p>C. <input checked="" type="radio"/> Sound waves cannot travel in space</p> <p>D. <input type="radio"/> Sound waves have low frequency in space</p>
4	Information storage devices work on the principles of	<p>A. Heat</p> <p>B. Sound</p> <p>C. Light</p> <p>D. <input checked="" type="radio"/> Magnetism</p>
5	$V^2/R=$:	<p>A. <input type="radio"/> Power</p> <p>B. <input type="radio"/> Energy</p> <p>C. <input type="radio"/> Voltage</p> <p>D. <input type="radio"/> Resistance</p>
6	Which gate is used for safety alarm:	<p>A. <input type="radio"/> AND</p> <p>B. <input checked="" type="radio"/> NAND</p> <p>C. <input type="radio"/> OR</p> <p>D. <input type="radio"/> NOR</p>
7	Which instrument measures the potential difference:	<p>A. <input checked="" type="radio"/> Voltmeter</p> <p>B. Barometer</p> <p>C. Galvanometer</p> <p>D. Ammeter</p>
8	Radio waves are:	<p>A. <input type="radio"/> Longitudinal waves</p> <p>B. <input type="radio"/> Transverse waves</p> <p>C. <input checked="" type="radio"/> Electromagnetic waves</p> <p>D. <input type="radio"/> All of these</p>
9	What should household appliances be connected in parallel with the voltage source?	<p>A. to increase the resistance of the circuit</p> <p>B. to decrease the resistance of the circuit</p> <p>C. <input checked="" type="radio"/> to provide each appliance the same voltage as the power source</p> <p>D. to provide each appliance the same current as the power source</p>
10	For the emission of electrons from the tungsten filament the values of current and voltage are taken as:	<p>A. 0.1 A and 2V</p> <p>B. 0.2 A and 4V</p> <p>C. <input checked="" type="radio"/> 0.3A and 6V</p> <p>D. 0.4A and 8V</p>

11	Which of the following is not Processing?	A. arranging B. manipulation C. calculating D. gathering
12	1 Nano farad is equal to:	A. 1×10^{-12} F B. 1×10^9 F C. 1×10^{-9} F D. 1×10^{-6} F
13	The half life of carbon -14 is:	A. 5730 years B. 5740 years C. 5750 years D. 5760 years
14	Which of the following reasons increase the importance of computer:	A. Speedy B. Long time storage of memory C. Quick decision D. All of these
15	If Current flowing through switch then the output is expressed as:	A. 0 B. 1 C. -1 D. 2
16	When we heat the metal at high temperature they emit:	A. Holes B. Protons C. Neutrons D. Electrons
17	an additional wire used along with live and neutral wire is:	A. cable wire B. earth wire C. grip wire D. hot wire
18	In simple Harmonic motion, the acceleration of the body is _____ proportional to the displacement.	A. Inversely B. Directly C. Equally D. None of these
19	When did Michael Faraday discover Electromagnetic induction?	A. 1841 B. 1831 C. 1821 D. 1811
20	A device which has two ways communication is:	A. Television B. Radio C. Hard disk D. Mobile phone