

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The minimum value of angle of deviation is called:	<p>A. Minimum angle</p> <p>B. Incident angle</p> <p>C. Angle of minimum deviation</p> <p>D. None of these</p>
2	The combined resistance of two identical resistors, connected in series is 8Ω . Their combined resistance in a parallel arrangement will be:	<p>A. 2Ω</p> <p>B. 4Ω</p> <p>C. 8Ω</p> <p>D. 12Ω</p>
3	which is a major cause of fires and explosions at many places:	<p>A. match sticks</p> <p>B. bombs</p> <p>C. static electricity</p> <p>D. magnetism</p>
4	Which is not a hardware:	<p>A. CPU</p> <p>B. Window</p> <p>C. Keyboard</p> <p>D. Mouse</p>
5	When a uranium (92 protons) ejects a beta particle, how many protons are left in the remaining nucleus?	<p>A. 92 protons</p> <p>B. 91 protons</p> <p>C. 93 protons</p> <p>D. 89 protons</p>
6	Positive charge in an electric field always tend to move:	<p>A. Does not move</p> <p>B. From lower to higher potential</p> <p>C. From higher to lower potential</p> <p>D. All of these</p>
7	Coaxial cable are used to transmit signals:	<p>A. Magnet</p> <p>B. Electric</p> <p>C. Mechanical</p> <p>D. Both mechanical and magnet</p>
8	The characteristics of sound by which we can distinguish between two sounds of same loudness and pitch is called.	<p>A. Intensity</p> <p>B. Quality</p> <p>C. Loudness</p> <p>D. Pitch</p>
9	The converter of digital to analogue signal is:	<p>A. ADC</p> <p>B. DAC</p> <p>C. DATC</p> <p>D. DTC</p>
		<p>A. 6.25×10^{-19}</p>

10	One coulomb is equal to charge of electrons:	<p>D. 6.25×10^{19}</p> <p>C. 6.25×10^{18}</p> <p>D. 6.25×10^{18}</p>
11	Isotopes are atoms of same element with different :	<p>A. Atomic mass</p> <p>B. Atomic Number</p> <p>C. Number of proton</p> <p>D. Number of Neutron</p>
12	Which of the following tasks are performed by most of the algorithms?	<p>A. Input</p> <p>B. Out put</p> <p>C. Processing</p> <p>D. All of these</p>
13	What does the term e-mail stand for?	<p>A. Emergency mail</p> <p>B. Electronic mail</p> <p>C. extra mail</p> <p>D. external mail</p>
14	Snell's law is stated as:	<p>A. $\sin i / \sin r = n_1/n_2$</p> <p>B. $\sin i / \sin r = n_2/n_1$</p> <p>C. $\sin r / \sin i = n_2/n_1$</p> <p>D. $\sin r / \sin i = 2n_2/n_1$</p>
15	At room temperature, electrons cannot escape the metal surface due to of atomic nucleus:	<p>A. Repulsive forces</p> <p>B. Attractive forces</p> <p>C. Gravitational forces</p> <p>D. Electromagnetic forces</p>
16	A device which has two ways of communication is:	<p>A. television</p> <p>B. radio</p> <p>C. hard disk</p> <p>D. mobile phone</p>
17	Circuit breaker works on the principle of:	<p>A. Electric current</p> <p>B. Magnetism</p> <p>C. Electromagnetism</p> <p>D. Electrostatics</p>
18	The speed of light in water is:	<p>A. 2.0×10^3 ms⁻¹</p> <p>B. 2.5×10^3 ms⁻¹</p> <p>C. 2.3×10^8 ms⁻¹</p> <p>D. 2.3×10^8 ms⁻¹</p>
19	Level of noise recommended in eight, hour work day:	<p>A. 80-90 dB</p> <p>B. 80-85- dB</p> <p>C. 85-90 dB</p> <p>D. 90-95 dB</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>