10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The resistance of voltmeter is:	A. zero B. low C. Very high D. 10Ω
2	Electric potential is a quantity:	A. Scalar B. Vector C. Base D. All
3	NOT gate is also called:	A. Converter<o:p></o:p> B. Inverter<o:p></o:p> C. Transmitter<o:p></o:p> D. Receiver<o:p></o:p>
4	If the mass of the bob of a pendulum is increased by a factor of 3, the period of the pendulum's motion will:	A. Be increased by a factor of 2<o:p></o:p> B. Remain the same<o:p></o:p> C. Be decreased by a factor of 2<o:p></o:p> D. Be decreased by factor of 4<o:p></o:p>
5	Focal length for concave mirror is :	A. -ve B. +ve C. same D. none of these
6	A and B are the two inputs of a NOR gate. Its output would be 1 when:	A. A = 1, B = 1 B. A = 0 , B = 1 C. A = 1, B = 0 D. A = 0 , B = 0
7	Bouncing back of light after striking the surface is called:	A. Refraction B. Reflection C. Diffraction D. Interference
8	It is used in satellite communication:	A. Radio waves B. Micro waves C. Light waves D. Electrical waves
9	When a Uranium (92 protons)ejects a beta particle, how many protons are left in the remaining nucleus?	A. 89 Protons B. 90 Protons C. 91 Protons D. 93 Protons
10	After refraction from a convex lens, rays of light parallel to the principal axis converge at a point, this point of convex lens is called:	A. Principal focus B. Pole C. Focal length D. Optical center
11	Big unit of capacitance is:	A. Farad B. Volt C. watt D. coulomb
12	The magnetic field of a solenoid resembles as:	A. Iron wire B. U-shape magnet C. Bar magnet D. Point charge.

13	The equivalent resistance of a parallel combination is:	A. Equal to sum of all resistance<o:p></o:p> B. Is greater than the largest resistance of combination<o:p></o:p> C. Is smaller than the smallest resistance of combination<o:p></o:p> D. All of these<o:p></o:p>
14	The speed of sound in the air at one atmospheric pressure at room temperature is:	A. 343 ms-1 B. 346 ms-1 C. 349 ms-1 D. 339 ms-1
15	An object of placed at he centre of curvature of a concave mirror. The image produced by the mirror is located:	A. out beyond the centre of curvature. B. at the centre of curvature C. between the centre of curvature and the focal point D. at the focal point
16	Public address system is the example of :	A. Analogue electronics B. Digital electonics C. Binary system D. None of these
17	If the mass of bob of a simple pendulum is doubled, its time period:	A. Is doubled<o:p></o:p> B. Becomes four times<o:p></o:p> C. Remains same<o:p></o:p> D. Becomes half<o:p></o:p>
18	In liquids and gases the current is due to the motion of:	A. Negative charges<o:p></o:p> B. Positive charges<o:p></o:p> C. Both positive and negative charges<o:p></o:p> D. None of these<o:p></o:p>
19	How Galvanometer is connected in circuit to detect current:	A. In series<o:p></o:p> B. In parallel<o:p></o:p> C. Fixed<o:p></o:p> D. Variable<o:p></o:p>
20	The half -life of carbon is	A. 5730 years B. 5700 years C. 5720 years D. 572 years