

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	SI unit of capacitance is:	<p>A. Joule</p> <p>B. Volt</p> <p>C. Watt</p> <p>D. Farad</p>
2	Mathematical form of Ohm's law is:	<p>A. $V = IR$</p> <p>B. $V = I^2R$</p> <p>C. $V = Qt$</p> <p>D. $V = IR^2$</p>
3	The speed of sound in air at 100°C is:	<p>A. 380ms⁻¹</p> <p>B. 382ms⁻¹</p> <p>C. 386ms⁻¹</p> <p>D. 300ms⁻¹</p>
4	The intensity of lawn mover is:	<p>A. 10⁻¹ Wm⁻²</p> <p>B. 10⁻² Wm⁻²</p> <p>C. 10⁻³ Wm⁻²</p> <p>D. 10⁻⁴ Wm⁻²</p>
5	The S.I unit of power of a lens is:	<p>A. Dioptr</p> <p>B. Volt</p> <p>C. Ampere</p> <p>D. Watt</p>
6	Specific resistance of silver is:	<p>A. $1.7 \times 10^{-8} \Omega \cdot m$</p> <p>B. $2.63 \times 10^{-8} \Omega \cdot m$</p> <p>C. $2.75 \times 10^{-8} \Omega \cdot m$</p> <p>D. $7.0 \times 10^{-8} \Omega \cdot m$</p>
7	SI unit of electric potential is:	<p>A. Watt</p> <p>B. Volt</p> <p>C. Coulomb</p> <p>D. Joule</p>
8	We can distinguish between the notes of a piano and flute due to of sound.	<p>A. Loudness</p> <p>B. Pitch</p> <p>C. Quality</p> <p>D. Intensity</p>
9	The sound level of rustling of leave is:	<p>A. 1 dB</p> <p>B. 20 dB</p> <p>C. 30 dB</p> <p>D. 10 dB</p>
		<p>A. By changes in air pressure</p> <p>B. By vibration</p>

10	How does sound travel from its source to your ear:	<p>in wires or strings</p> <p>C. By electromagnetic waves</p> <p>D. By infrared waves</p>
11	The refracted light striking to the side of prism is called:	<p>A. Refracted ray</p> <p>B. Incident ray</p> <p>C. Reflected ray</p> <p>D. Emergent ray</p>
12	Which element is used for the monitoring of thyroid glands?	<p>A. Iodine- 131</p> <p>B. Phosphorus-32</p> <p>C. Carbon-14</p> <p>D. Potassium-40</p>
13	The mirror whose inner surface is reflecting is called:	<p>A. Concave mirror</p> <p>B. Convex mirror</p> <p>C. Mirror</p> <p>D. Lens</p>
14	That period in which voltage repeats its value in equal intervals is called:	<p>A. cycle</p> <p>B. Time period</p> <p>C. Frequency</p> <p>D. Amplitude</p>
15	If the mass of a spring mass system is doubled, its time period becomes:	<p>A. $\sqrt{2} T$</p> <p>B. $T/2$</p> <p>C. $\sqrt{T}/2$</p> <p>D. $T/\sqrt{2}$</p>
16	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>
17	The unit of spring constnat is:	<p>A. m</p> <p>B. kg</p> <p>C. Nm^2</p> <p>D. Nm^{-1}</p>
18	Which combination forms NAND gate:	<p>A. AND &</p> <p>B. AND & NOT</p> <p>C. NOT &</p> <p>D. NAND & NOT</p>
19	One byte is equal to:	<p>A. 7 bits</p> <p>B. 5 bits</p> <p>C. 8 bits</p> <p>D. 9 bits</p>
20	1 GB =	<p>A. 1022MB</p> <p>B. 1023 MB</p> <p>C. 1024MB</p> <p>D. 1025MB</p>