

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A.C generator works on the principle of:	A. Electrostatic induction B. Electromagnetic induction C. Law of gravitation D. Third law of motion
2	The S.I unit of electric current is:	A. Volt B. Ampere C. Coulomb D. Watt
3	Five joules of work is needed to shift 10 C of charge from one place to another. The potential difference between the places is:	A. 0.5 V B. 2 V C. 5 V D. 10 V
4	In liquids and gases the current is due to the motion of:	A. Negative charges B. Positive charges C. Both positive and negative charges D. None of these
5	Which of the following is not processing:	A. Arranging B. Manipulating C. Calculating D. Gathering
6	When did Michael Faraday discover Electromagnetic induction?	A. 1841 B. 1831 C. 1821 D. 1811
7	The product of frequency (f) and wavelength λ is equal to:	A. Time period B. Amplitude C. Wave speed D. Wave energy / frequency
8	The A.C. used in our houses has frequency _____ cycle/sec	A. 60 B. 30 C. 50 D. 130
9	diamond does not conduct electricity, because it has no:	A. free electrons B. free protons C. free neutrons D. free positive charge
10	According to Ohm's law $V =$ _____	A. $I^2 R$ B. $I R^2$ C. $I R$ D. I/R
11	The converter of analogue to digital signal is:	A. ADC B. DAC C. ATDC D. None of these
12	If a charged body is brought near a negatively charged electroscope and the leaves of electroscope diverge, then the body is:	A. Positively charged B. Negatively charged C. Neutral D. ...

		D. None of these
13	The ray of light after reflection from concave mirror passes through:	<p>A. Centre</p> <p>B. Principal focus</p> <p>C. Pole</p> <p>D. Radius</p>
14	The turn ratios of a transformer is 10. It means.	<p>A. $I_s = 10I_p$</p> <p>B. $N_s = N_p$</p> <p>C. $N_s = 10$</p> <p>D. $V_s = V_p / 10$</p>
15	The index of refraction depends on:	<p>A. The focal length</p> <p>B. The speed of light</p> <p>C. the image distance</p> <p>D. The object distance</p>
16	The mirror whose outer surface is reflecting is called:	<p>A. Concave mirror</p> <p>B. Convex mirror</p> <p>C. Lens</p> <p>D. Mirror</p>
17	When resistances are connected in parallel, the current passing through them is:	<p>A. Same</p> <p>B. Zero</p> <p>C. Different</p> <p>D. Infinite</p>
18	Current is equal to:	<p>A. IR^2</p> <p>B. CV</p> <p>C. Q/t</p> <p>D. IR</p>
19	For observing how fast plants are absorbing phosphate fertilizer we use.	<p>A. I. 131</p> <p>B. Ph -32</p> <p>C. Co-60</p> <p>D. Ar-40</p>
20	Snell' law is:	<p>A. $n = \sin i / \sin r$</p> <p>B. $n = \sin i / \sin r$</p> <p>C. $n = \sin r / \sin i$</p> <p>D. $\sin i / \sin r$</p>