

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The Half life of a certain isotopes is 1 day. What is the quantity of isotopes after 2 days?	A. One half B. One quarter C. One eight D. None of these
2	Sound waves having frequency lower than 20 Hz are called:	A. Ultrasonic B. Infrasonic C. Audible D. Echo
3	The unit of resistance is:	A. Ω -m B. Ω C. V D. C
4	Mathematical form of Ohm's law is:	A. $V = IR$ B. $V = I^2R$ C. $V = Qt$ D. $V = IR^2$
5	The SI unit of electric field intensity is:	A. NC-2 B. NC-1 C. Ns D. Nm-1
6	The turn ratios of a transformer is 10. It means.	A. $I_s = 10 I_p$ B. $N_s = N_p$ C. $N_s = 10 N_p$ D. $V_s = V_p / 10$
7	The maximum displacement from mean position is called:	A. Maximum height B. Time period C. Amplitude D. Interval
8	The instrument used to study the properties of waves is called:	A. Ripple tank B. Stroboscope C. Pendulum D. None of these
9	The phenomenon in which radiations convert the matter into positive and negative ions is called:	A. Radio activity B. Excitation C. Ionization D. Electrolysis
10	Capacitors are used to store:	A. Current B. Voltage C. Charge D. Resistance
11	1 MB =	A. 1022KB B. 1023KB C. 1024KB D. 1025KB
12	In the presence of a charged body, an insulated conductor develops positive charge at one end and negative charge at the other end, this is called:	A. Electrostatics B. Electrostatic induction C. Magnetism D. Electromagnetic induction
13	The oscillations of a system in the presence of _____ force are called amp oscillations:	A. Resistive force B. Attractive force C. Both of these

		D. None of these
14	Which device has two coils, primary and secondary?	A. D.C. Motor B. Transformer C. A.C. generator D. a and b
15	The digits used in electronics are:	A. 1 B. 0 C. 0 and 1 D. 1 and 2
16	The speed of sound in air at 0°C is:	A. 331ms^{-1} B. 376ms^{-1} C. 231ms^{-1} D. 386ms^{-1}
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	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 2 B. Remain the same C. Be decreased by a factor of 2 D. Be decreased by a factor of 4
19	Which combination forms NAND gate:	A. AND & OR B. AND & NOT C. NOT & OR D. NAND & NOT
20	One coulomb is equal to charge of electrons:	A. 6.25×10^{19} B. 6.25×10^{19} C. 6.25×10^{18} D. 6.25×10^{18}