

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	when an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
2	Platinum wire becomes white at a temperature of.	A. 1600 ^o C B. 1300 ^o C C. 1100 ^o C D. 900 ^o C
3	Compton effect proves.	A. Wave nature of radiation B. Wave nature of particle C. Dual nature of particle D. Particle nature of radiations
4	Which of the following has bulk modulus?	A. Water B. Gas C. Honey D. All
5	A current generator device converts:	A. Mechanical energy into chemical energy B. Chemical energy into electrical energy C. Mechanical energy into electrical energy D. Both b and c
6	Self induction does not depend on	A. Number of turns of the coil B. Area of cross section of the core C. Nature of material of the core D. Current through inductor
7	Cathode ray oscilloscope works by deflecting a beams	A. Neutrons B. Protons C. Electrons D. Positron
8	The crystalline structure of NaCl is.	A. Cubical B. Hexagonal C. Tri gonel D. Tetragonal
9	The open loop gain of the amplifier is order of.	A. 10 ⁶ B. 10 ⁵ C. 10 ⁷ D. 10 ³
10	Soft magnetic material is	A. Sodium B. Steel C. Iron D. Copper
11	Those materials whose resistivity becomes zero at certain temperature is called:	A. Semiconductor B. Super conductor C. Conductor D. Insulator
12	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
13	All motions are	A. Absolute B. Uniform C. Relative D. Variable
14	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
		A. Bequerel

15	The unit of radioactivity is:	B. Henry C. Pascal D. Joule
16	$X_c =$	A. $\frac{1}{2\pi fc}$ B. $2\pi fc$ C. $2\pi/fc$ D. $fc/2\pi$
17	Force on a charged particle is zero when projected at angle with magnetic field.	A. 0° B. 90° C. 180° D. 270°
18	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
19	Marie Curie and Pierre Curie discovered.	A. Uranium B. Uranium and Radium C. Polonium and radium D. Radium
20	The mathematical symbol for NOR operation is	B. $X = A \cdot B$ C. $X = A + D$