

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
2	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. Electro magnetism D. Electrostatics
3	Which one of the following is polymeric solids	A. Glass B. Nylon C. Copper D. Zinc
4	In Pakistan the frequency of A.C. supply is.	A. 50 Hz B. 60 Hz C. 45 Hz D. 70 Hz
5	Iodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
6	Mutual induction has a practical role in the performance of the.	A. Radio choke B. Transformers C. A.C. Generator D. D.C. Generator
7	The mutual inductance between two coils depends upon their	A. Size B. Core material C. Size, core material and separation D. Separation
8	The unit of impedance is	A. Farad B. Henry C. Tesla D. Ohm
9	The materialization of energy take place in the process of.	A. Photo electric effect B. Compton Effect C. Pair production D. Annihilation of matter
10	An inductor may store energy in	A. Its magnetic field B. Its coil C. Its electric field D. A neighboring circuit
11	Gamma radiations are emitted due to:	A. De-excitation of atom B. De-excitation of nucleus C. Excitation of atom D. Excitation of nucleus
12	In Compton scattering, the value of shift is equal to Compton's wavelength, when X-rays is scattered at the angle of.	A. 90° B. Zero C. 120° D. 45°
13	The force of Neutron due to field of 10^2 N/C is.	A. 1.6×10^{-17} N B. 1.6×10^{-19} N C. Zero D. 1.6×10^{-21} N
14	Minimum energy needed to escape an electron from metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
15	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge

16	Question Image	<p>A. Wien's constant B. Planck's constant C. Davison constant D. Lumber's constant</p>
17	$X_C =$	<p>A. $1/2\pi fc$ B. $2\pi fc$ C. $2\pi/fc$ D. $fc/2\pi$</p>
18	Energy stored per unit volume inside a solenoid is called as	<p>A. energy density B. Electric flux C. Work D. Volume charge density</p>
19	The SI unit of decay constant is	<p>A. m B. m^{-1} C. S^{-1} D. Nm^{-1}</p>
20	$X_L =$	<p>A. $2\pi fL$ B. $1/2\pi fL$ C. $2\pi fL$ D. $fL/2\pi$</p>