

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of magnetic permeability is.	A. $\text{WbA}^{-1}\text{m}^{-1}$ B. Wbm^{-2} C. WbmA^{-1} D. WbAm^{-1}
2	Production of x rays is reverse process of	A. Photo electric effect B. Compton effect C. Anihilation D. Pair production
3	Balmer series lies in region of electromagnetic spectrum.	A. Infrared B. Visible C. Ultraviolet D. Fra infrared
4	The critical temperature of mercury is.	A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K
5	A resistance frequency the impedance of RLC parallel circuit is.	A. Zero B. Infinite C. Maximum D. Minimum
6	A solid in which there is not regular arrangement of molecules is called.	A. Glassy solid B. Amorphous solid C. Crystalline solid D. Both a and b
7	Two parrallel, metal plates are a distance 8.00 m apart. The electric field between the plates in uniform, Directed toward the right , and has a magnitude of 4.00 N/C. If an ion of charge $+2e$ is released at rest at the left-hand plate. What is its kinetic energy when reaches the right-hand plate?	A. 4 eV B. 64 eV C. 32 eV D. 16 eV
8	Glass and high steel carbon are example of.	A. Ductile substances B. Brittle substances C. Soft substances D. Hard substances
9	If the north pole of a magnet moves away from a metallic ring	A. Clockwise B. Anticlockwise C. First clockwise and then anticlockwise D. None of above
10	Pulsating output of full wave rectifier can be made smooth by using circuit called.	A. Filter B. Amplifier C. Resistor D. Transistor
11	The torque in the coil can be increased by increasing:	A. No. of turns B. Current and magnetic field C. Area of coil D. All of the above
12	The vessel containing the tow electrodes and liquid to known as.	A. Chemical cell B. Volt cell C. Volta cell D. Volta meter
13	The 1 st Bohr atom in the hydrogen atom has radius	A. 3.56×10^{-10} m B. 0.053×10^{-11} m C. 0.53×10^{-11} m D. 5.30×10^{-11} m
14	Antiparticle of electron is.	A. proton B. Photon C. Positron D. Neutron
15	The natural frequency of L.C circuit is equal to	A. Direct current

16	A capacitor is perfectly insulator for:	B. Alternating current C. Direct as well as alternating current D. None of these
17	A particles equal or greater in mass than of protons are called.	A. Baryons B. Leptons C. Mesons D. Quarks
18	Light of 4.5 eV is incident on a Cesium surface and stopping potential is 0.25 eV, maximum K.E. of emitted electron is.	A. 4.5 eV B. 4.25 eV C. 4.75 eV D. 0.25 eV
19	The direction of induced current is always so as to oppose the change which causes the current, this is the statement of	A. Lenz's law B. Faraday's law C. Ampere's law D. Coulomb's law
20	EMF is induced due to change in	A. Charge B. Current C. Magnetic flux D. Electric field