Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The capacitance of a capacitor depends upon.	A. Thickness of plates B. Charges on the plates C. Voltage applied D. Geometry of the capacitor
2	Lenz's law presented in	A. 1834 B. 1934 C. 1826 D. 1836
3	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
4	In a transistor, collector current is controlled by:	A. Collector voltage B. Base current C. Collector resistance D. All of the above
5	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipes
6	We can find from de Broglie formula	A. Wavelength B. Amplitude C. Speed of wave D. Frequency of wave
7	Which of the modulus of elasticity is involved in compressing a rod to decrease its length ?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these
8	Binding energy per nucleus for uranium is above:	A. 6.7 Mev B. 7.7 Mev C. 6.9 MeV D. 7.9 MeV
9	EMF is induced due to change in	A. Charge B. Current C. Magnetic flux D. Electric field
10	Anti particle of electron is	A. Proton B. Photon C. Neutron D. Positron
11	The most suitable metal for making permanent magnet is.	A. Iron B. Aluminium C. Steel D. Copper
12	A capacitor stores energy in the form of.	A. Magnetic field B. Heat energy C. Electrical energy D. Mechanical energy
13	1 rem =	A. 0.001 SV B. 0.01 SV C. 0.1 SV D. 1.01 SV
14	For computation of electric flux, the surface area should be.	A. Parallel B. Flat C. Curved D. Spherical
15	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131

16	The value of Rydberg constant is:	A. 1.0749x10⁷m⁻¹ B. 1.0974 x 10⁷ m⁻¹ C. 1.974 x10⁶m⁻¹ D. 1.0974 x 10⁻⁷ m⁻¹
17	The quantity time constant RC has units of.	A. Charge B. Time C. Capacitance D. Resistance
18	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
19	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7
20	Pair production occurs only when energy of photon is at least equal in:	A. 1.02keV B. 1.02 eV C. 1.02 MeV D. 1.02 GeV