

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	In a transistor, collector current is controlled by:	A. Collector voltage B. Base current C. Collector resistance D. All of the above
2	the current which flows from a point at higher. potential to point at lower potential is called.	A. Electric current B. Conventional current C. Either of these D. None of above
3	The name of the scientist who noted that a compass needle was deflected when placed near the current carrying conductor	A. Henry B. Faraday C. Coloumb D. Oersted
4	The total flux through a closed surface.	A. Directly proportional to shape and geometry B. Independent of medium C. Depend on shape and geometry D. Dependent on medium and the charge enclosed
5	When the back emf in a current is zero, it draws	A. Zero current B. Maximum current C. Minimum current D. Steady average current
6	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
7	The induced emf in a coil is proportional to:	A. Magnetic flux through the coil B. Rate of change of Magnetic flux through the coil C. Area of the coil D. Product of magnetic flux flux and area of the coil
8	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
9	Charge on an atom is:	A. Positive B. Negative C. Neutral D. None of these
10	Which one is photo conductor.	A. Copper B. Selenium C. Mercury D. Aluminium
11	Base of transistor is of order:	A. 10^{11} m B. 10^6 m C. 10^8 m D. 10^6 m
12	106 electrons are moving through a wire per second the current developed is:	A. 1.6×10^{-19} A B. 1 A C. 1.6×10^{-13} A D. 106 A
13	Presence of dielectric always.	A. Increase the electrostatic force B. Reduces the electrostatic force C. Do not effect electrostatic force D. Doubles the electrostatic force
14	Lenz's law is a consequence of the law of conservation of	A. Charge B. Momentum C. Energy D. Angular momentum

15	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
16	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
17	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
18	Kirchhoff's voltage rule is a way of stating conservation of.	A. Mass B. Charge C. Energy D. Momentum
19	The Lenz's law fulfils.	A. Law of conservation of energy B. Law of conservation of charge C. Law of conservation of momentum D. Kirchhoff's law
20	The process of copying is:	A. Axillugraphy B. Chromatography C. Xerography D. Spectrography