

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The charge of an alpha particle is equal to	<p>A. -e B. +e C. -2e D. 2e</p>
2	The resistivity of two wires is ρ_1 and ρ_2 which are connected in series. If their dimensions are same then the equivalent resistivity of the combination will be:	<p>A. $\rho_1 + \rho_2$ B. $\frac{\rho_1 + \rho_2}{2}$ C. $\frac{\rho_1 \rho_2}{\rho_1 + \rho_2}$ D. $\frac{\rho_1 \rho_2}{2}$</p>
3	Who explained the photo electric effect.	<p>A. Max Plank B. Einstein C. Henry D. Rutherford</p>
4	The flow of D.C current is opposed by	<p>A. Resistor B. Induction C. Capacitor D. All of these</p>
5	Very weak magnetic field produced by brain can be detected by	<p>A. MRI B. CAT scans C. Squid D. CRO</p>
6	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	<p>A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter</p>
7	When a wire is stretched and its radius becomes $r/2$, then its resistance will be	<p>A. 16 R B. 4 R C. 2R D. 0</p>
8	The ability of a body to return to its original shape is called.	<p>A. Strain B. Stress C. Elasticity D. Plasticity</p>
9	Which of the following converts electrical energy into mechanical energy.	<p>A. Transformer B. A.C. generator C. D.C. generator D. D.C. motor</p>
10	The SI unit of stress is same as that of.	<p>A. Pressure B. Force C. Momentum D. Work</p>

11	Resistance of choke is	A. zero B. Large C. Very small D. Infinite
12	Before and after nuclear reaction the number of protons and neutrons:	A. Must be different B. Must be decreased C. Must be increased D. Remains same
13	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
14	The winding of the electromagnet in motor are usually called.	A. Magnetic coils B. Field coils C. Electric coils D. electric o electric coils
15	Electron volt is unit of:	A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy
16	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
17	Two down and one up quarks make	A. Proton B. Neutron C. photon D. Positron
18	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
19	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
20	An alternating voltage is given by $20 \sin 157 t$. Th efrequency of alternating voltage is:	A. 50 Hz B. 25Hz C. 100 Hz D. 75 Hz