

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The current flowing through each resistor of equal resistance in parallel combination is.	A. Same B. Different C. Zero D. Infinite
2	One ohm is equal to	A. VC-1 B. CV-1 C. AC-1 D. VA^{-1}
3	Two resistance of 2 Ohm each are connected in parallel combination equivalent resistance will be.	A. 4 Ohm B. 2 Ohm C. 1 Ohm D. 8 Ohm
4	For ohmic device the graph between V and I is.	A. A straight line B. Curve C. Hyperbola D. Parabola
5	Magnetic effect of current is used in.	A. Toaster B. Electric iron C. Electric motor D. D.C. Battery
6	The head produced by the passage of current through a resistor is.	A. $H = I^2 R t$ B. $H = IR^2 t$ C. $H = 1/Rt$ D. $H = I^2 R/t$
7	Heat generated by a 40 W bulb in one hour is.	A. 140 J B. 1440 J C. 14400 J D. 144000 J
8	5 A of current flows through a conductor in 2 minutes, charge in the wire is.	A. 500 C B. 600 C C. 400 C D. 10 C
9	By increasing the temperature of conductor, the flow rate of charges.	A. Increase B. Remains constant C. Decreases D. Changes exponentially
10	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
11	Drift velocity of electrons is.	A. 10^{-1} m/s B. 10^{-2} m/s C. 10^{-3} m/s D. 10^{-3} m/s
12	If 1×10^7 electrons passes through a conductor in 1.0 micro second , then the current is.	A. 2 A B. 1.6 A C. 2.6×10^{-6} A D. 1.6×10^{-6} A
13	A battery move a charge of 40 C around a circuit at constant rate in 20 Sec. The current will be.	A. 2 A B. 0.5 A C. 80 A D. 800 A
14	The potential difference between the head and tail of an electrical to	A. 600 Volt B. 700 Volt C. 800 Volt D. 900 Volt
15	Ampere second stands for the unit of.	A. Charge B. emf C. energy D. Power

16	A charged conductor has charge on its.	A. Inner surface B. Outer surface C. Middle surface D. Surrounding space
17	if time constant in RC series circuit is small, then capacitor is charged or discharged.	A. Slowly B. Rapidly C. At constant rate D. Intermittently