

Physics FSC Part 2 Chapter 13 Online MCQ's Test

Sr	Questions	Answers Choice
1	A wire uniform cross-section. A length L and resistance R is cut into two equal parts. The resistivity of each part will be:	A. Doubled B. Halved C. Remain the same D. One fourth
2	The heat produced by passage of current.	A. $H = k \sup{2} Rt$ B. $H = IR^2T$ C. $H = I/Rt$ D. $H = k \sup{2} Rt$
3	Magnetic effect of current is used	A. To detect a current B. To measure a current C. In electric motor D. All of above
4	The powers of two electric bulbs are 100w and 200w. Which are connected to power supply of 220 V. The ratio of resistance of their filament will be:	A. 1 B. 2 C. 1 D. 4
5	The potential difference between the head and tail of an electrical to	A. 600 Volt B. 700 Volt C. 800 Volt D. 900 Volt
6	By increasing the temperature of conductor, the flow rate of charges.	A. Increase B. Remains constant C. Decreases D. Changes exponentially
7	Thermistor with high - ve temperature coefficient are very accurate for measuring low temperature especially near is.	A. 10 kelvin B. 70 kelvin C. 200 kelvin D. 35 kelvin
8	When a pot difference of 4 volt is applied across resistance, 10 J of energy is converted Find charge flows	A. 0.20 C B. 2.5 C C. 5.0 C D. 10.0 C
9	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
10	Colour codes are used to calculate the.	A. Nature of resistor B. Numerical value of resistance C. Potential difference D. Current
11	During electrolysis process, density of CuSO_4 solution	A. Remains constant B. Decreased C. Increased D. None of these
12	Unit (S.I) of temperature coefficient of resistivity of a material is	A. K B. $K \sup{-1}$ C. $\sup{o}$ D. $K \sup{-2}$
13	Heat energy is converted into electrical energy.	A. Solar cells B. thermocouples C. Electric generators D. None of above
14	Ampere second stands for the unit of.	A. Charge B. emf C. -

		C. energy D. Power
15	e.m.f is the conversion of ----- energy into electrical energy	A. Chemical B. Solar C. Light D. None of these
16	When a wire of length 'l' and resistance R is cut into two equal parts then resistivity of each part.	A. is doubled B. Remains the same C. Is halved D. Is one fourth
17	Terminal potential difference is greater than emf of the cell when	A. Circuit is open B. Circuit is closed C. small battery is charged by bigger battery D. None of these
18	Resistance tolerance of silver band is.	A. 10% B. 6% C. 7% D. 5%
19	When a wire is stretched and its radius becomes $r/2$, then its resistance will be	A. 16 R B. 4 R C. 2R D. 0
20	The vessel containing the tow electrodes and liquid to known as.	A. Chemical cell B. Volt cell C. Volta cell D. Volta meter