

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	1 tesla =	A. 1 MA m^{-1} B. 1 NA m^{-1} C. $1 \text{ NA m}^{-1} \text{ m}^{-1}$ D. None of above
2	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
3	The combined effect of resistance and reactance is knows as.	A. Inductance B. Conductance C. Resistance D. Impedance
4	If the potential difference across two plates of capacitor is doubled, then energy stored in it will be.	A. Two times B. Eight times C. Four times D. Remain same
5	The mass of proton in amu is:	A. 1.07276 B. 1.7276 C. 1.007276 D. 1.0007276
6	Semiconductors have conductivity of order:	A. 10^{-8} to $10^{-6} \text{ } (\Omega\text{m})^{-1}$ B. 10^{-6} to $10^{-4} \text{ } (\Omega\text{m})^{-1}$ C. 10^2 to $10^5 \text{ } (\Omega\text{m})^{-1}$ D. 10^{-5} to $10^{-7} \text{ } (\Omega\text{m})^{-1}$
7	The resistivity of -----decrease with the increase in temp	A. Gold B. Silver C. Copper D. Silicon
8	The conductor experience force, placed in magnetic above:	A. Move towards weaker part of field B. Move towards stronger part of field C. Remains at rest D. Move upwards in space
9	With the speed of motor, magnitude of back emf	A. Remain same B. Increase C. Decrease D. First increases then decreases
10	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
11	Which is not true for X rays	A. X rays are not deflected by electric field B. X rays are polarized C. X rays consist of electromagnetic waves D. X rays can be diffracted by grating
12	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
13	$X=A+B$ is the mathematical notation for.	A. OR gate B. NOR gate C. NAND gate D. AND gate
14	In photocopier, then drum is coated with layer of.	A. Aluminium B. Copper C. Selenium D. ..

		D. silver
15	The energy of photon is given by	A. $mv^2/2$ B. hf C. $Va e$ D. $mac^{sup>1</sup>}$
16	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
17	An ordinary glass gradually softens into a paste like state before it becomes a very viscous liquid which is possible at	A. $900^{sup>0</sup>}$ C B. $600^{sup>0</sup>}$ C C. $800^{sup>0</sup>}$ C D. $100^{sup>0</sup>}$ C
18	Electron volt is unit of:	A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy
19	A perfect absorber must also be perfect	A. Cavity B. Sources of radiation C. Radiator D. None of these
20	The condition for the wheatstone bridge to be balanced is given by	D. None of above