

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
2	Magnetic flux density is measured in	A. Weber B. Weber/m ² C. Tesla -m D. Gauss
3	The minimum energy required for occurrence of pair production is:	A. 1.022eV B. 1.02keV C. 1.02Me.V D. 1.04MeV
4	The stopping potential for a certain metal is 10 volts. Thus work function for the cathode is.	A. 10 J B. 1.6×10^{-18} J C. 1.6×10^{-19} J D. 1.6×10^{30} J
5	A proton is about 1840 time than an electron. When it is accelerated by a potential difference if 1 kV, its kinetic energy will be:	A. 1884 ke V B. 1/1840 keV C. 1 keV D. 920 keV
6	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
7	The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of.	A. Ohms B. Kilo Ohms C. Mega Ohms D. Thounds Ohms
8	For inducing emf in a coil the basic requirement is that:	A. Flux should link the coil B. Change in flux should link the coil C. Coil should form a closed loop D. Both (b) and (c) are true
9	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
10	In case of A.C. through resistor V and I are	A. At 0 ^o with each other B. At 180 ^o with each other C. At 90 ^o with each other D. At 270 ^o with each other
11	Which diode works at reverse biasing.	A. LED B. Photo voltaic cell C. Photo diode D. Silicon diode
12	Semiconductors have conductivity of order:	A. 10^{-8} to 10^{-6} (Ω m) ⁻¹ B. 10^{-6} to 10^{-4} (Ω m) ⁻¹ C. 10^2 to 10^5 (Ω m) ⁻¹ D. 10^{-5} to 10^{-7} (Ω m) ⁻¹
13	The background radiation to which we are exposed, on the average is.	A. 1 mSv per year B. 2 mSv per year C. 3 mSv per year D. 4 mSv per year
14	The galvanometer can be made sensitive by making the factor BAN/C	A. Large B. Small C. Constant D. -

		D. Zero
15	The building blocks of protons and neutrons are called.	A. Ions B. Electrons C. Positrons D. quarks
16	Yield stress is another name of	A. Plasticity B. Proportional limit C. Elastic limit D. Both (b) and (c)
17	Intensity of field inside a hollow charged sphere will be.	A. Negative B. Unaffected C. Zero D. Maximum
18	The first atomic reactor was introduced by	A. Currie B. Enrico Fermi C. Newton D. Bohr
19	The existence of positron in 1928 was predicted by	A. Anderson B. Dirac C. Chadwick D. Plank
20	An inductor of 1 henry inductance has a reactance 500 ohms, then the frequency required is approximately	A. 50 Hz B. 100 Hz C. 80 Hz D. 120 Hz