

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
2	The sensitivity of Galvanometer can be increased by:	A. Increasing C/BAN factor B. Decreasing C/BAN factor C. Increasing angle D. All of above
3	There is no change in A and Z of any radioactive element by the emission of.	A. Alpha particle B. Beta particle C. Gama particle D. X- rays
4	Binding energy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
5	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
6	The unit of resistance is:	A. Ω B. Ωm C. $\Omega^{-1} m^{-1}$ D. Ωm^{-1}
7	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
8	The SI unit of magnetic permeability is.	A. $WbA^{-1}m^{-1}$ B. Wbm^{-2} C. $WbmA^{-1}$ D. $WbAm^{-1}$
9	The potential difference across depletion region in case of Si is	A. 0.6 volt B. 0.9 volt C. 0.7 volt D. 0.2 volt
10	Nuclear fission chain reaction is controlled by using.	A. Cadmium rods B. Iron rods C. Platinum rods D. Steel rods
11	In a certain circuit, $I_B = 40 \mu A$ $I_C = 20 mA$	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
12	Electric potential of earth is taken to be zero because the earth is good:	A. Semiconductor B. Conductor C. Insulator D. Dielectric
13	Which is not fundamental logic gate.	A. NOT B. AND C. OR D. NAND
14	In extrinsic semiconductors doping is of the order of.	A. 1 atom to 10^4 B. 1 atom to 10^6 C. 1 atom to 10^8 D. 1 atom to 10^3
15	Which of the modulus of elasticity is involved in compressing a rod to decrease its length ?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these

16	The place for storing the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
17	The combined effect of resistance and reactance in circuit is called:	A. Impedance B. Inductance C. Capacitance D. None of above
18	Joule second is the unit of.	A. Energy B. Wein's constant C. Planck's constant D. Boyle's law
19	The reverse saturation current in a PN junction diode is only due to:	A. Majority carriers B. Minority carriers C. Acceptor ions D. Donor ions
20	The value of maximum output power is?	A. $E/4R$ B. $E^2/4R$ C. $E/4R^2$ D. Non of above