

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The most useful tracer is.	A. Strontium -90 B. Iodine -31 C. Cobalt -60 D. Carbon -14
2	We can never accurately describes all aspects of sbatomic particles simulatanously. It is correct according to:	A. Uncertainty Priciple B. De-broglie Theory C. Einstin Theory D. Photo electric effect
3	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
4	A solid having regular arrangement of molecules throughout its structure is called.	A. Amorphous solid B. Polymeric solid C. Crystalline solid D. Glassy solid
5	The value of e/m is smallest for	A. Proton B. Electron C. Beta particle D. Positron
6	Wave nature of particle was given by:	A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson
7	Which pair belongs to hadrons.	A. Protons and Neutrons B. Neutrons and electrons C. Photons and electrons D. positrons and electrons
8	The minimum energy required for occurrence of pair production is:	A. 1.022eV B. 1.02keV C. 1.02Me.V D. 1.04MeV
9	The number of crystal system are	A. Three B. Five C. Seven D. Fifteen
10	In a certain circuit, $I_B = 40 \mu A$ $I_C = 20 \text{ mA}$	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
11	For Holography we use	A. X ray B. Laser C. gama rays D. Beta rays
12	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
13	Which one of the following physical quantities change with relativistic speed?	A. Length B. Time C. Mass D. All of above
14	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
15	Frequency of x-rays depends upon.	A. Number of electrons striking target B. Accelerating potencial C. Nature of the target D. Both B and C

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16	A rheostat can be used as variable resistor as well as a-----	A. Potential divider B. Current divider C. Wheat stone bridge D. Power divider
17	In modulation, low frequency signal is known as	A. Carrier wave B. fluctuated signal C. Modulated carrier signal D. Modulation signal
18	The circuit of full wave rectification consist of	A. Three diodes B. Four diodes C. Two diodes D. One diode
19	The SI unit of E is $\text{NC}^{-1}$ and that of B is $\text{Na}^{-1} \text{m}^{-1}$ then the unit of E/B is.	A. $\text{ms}^{-2}$ B. ms C. $\text{ms}^{-1}$ D. $\text{m}^{-1}\text{s}^{-1}$
20	SI unit of hennery which is.	A. VSA-1 B. VS-1 A C. VS-1A-1 D. VSA

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