

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	If 1×10^7 electrons passes through a conductor in 1.0 micro second , then the current is.	A. 2 A B. 1.6 A C. 2.6×10^{-6} A D. 1.6×10^{-6} A
2	Both xenon and caesium each have:	A. 41 isotopes B. 36 isotopes C. 43 isotopes D. 33 isotopes
3	In an nihilation emitted photons moves in opposite directions to conserve.	A. Mass B. Charge C. Energy D. Momentum
4	Transistor was invented by:	A. Bardeen B. Micheal faraday C. Lenz D. Newton
5	A charge Q is divided into twoo parts q and Q-q and seperated by a distance R. The force of equilibrium between them will be maximum when:	A. $q=Q/4$ B. $q=Q/2$ C. $q=Q$ D. None of these
6	The charge on Beta particle is	A. +e B. -e C. -2e D. None of these
7	Total flux through a closed surface depends on.	A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium
8	Internal frame is a frame is which	A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds
9	Electric power:	A. $Vx1$ B. $V^{2 \times x1}$ C. $V/1$ D. $V/1^{2 \times x1}$
10	To convert a galvanometer into a volt meter a high resistance is connected.	A. In series B. In parallel C. In perpendicular D. Along tangent
11	The inductive reactance of a coil is direction proportional to.	A. Inductance B. Resistance C. Frequency of A.C. D. Both frequency of A.C. and inductance
12	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months
13	In three phase A.C supply coils are inclined at an angle of.	A. 0° B. 90° C. 120° D. 80°
14	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
15	Bottom quark carries charge :	A. $2/3 e$ B. $-2/3 e$ C. $+1/3 e$ D. $-1/3 e$

16	Wave nature of particle was given by:	A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson
17	In an N-type silicon, which of the following statement is true?	A. Electrons are majority carriers & trivalent atoms are the dopants B. Electrons are majority carriers & pentavalent atoms are the dopants C. Holes are minority carriers & pentavalent atoms are the dopants. D. Holes are minority carriers & trivalent atoms are the dopants.
18	The magnetic flux will be max, For an angle of:	A. 0 ° B. 60 ° C. 90 ° D. 180 °
19	Mass of meason is	A. Greater then proton B. Less than proton C. Equal to proton D. Equal to neutron
20	When a nucleus emits alpha particle its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4