

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
2	An inductor may store energy in	A. Its magnetic field B. Its coil C. Its electric field D. A neighboring circuit
3	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
4	Which one pair belongs to acceptor impurity.	A. Arsenic, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium
5	Binding energy per nucleon is maximum for	A. Platinum B. Iron C. Uranium D. Lead
6	Wave nature of particle was given by:	A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson
7	Selenium is a	A. Insulator B. Photoconductor C. Conductor D. First insulator then conductor
8	In a transistor, collector current is controlled by:	A. Collector voltage B. Base current C. Collector resistance D. All of the above
9	Electron vibrating 94,000 times each second will produce radio waves of frequency.	A. 94 Hz B. 940 HZ C. 94 Hz D. 490 Hz
10	Cathode ray oscilloscope works by deflecting a beams	A. Neutrons B. Protons C. Electrons D. Positron
11	The binding energy for _____ is maximum.	A. Copper B. Glass C. Iron D. Aluminum
12	SI unit of henry which is.	A. VSA-1 B. VS-1 A C. VS-1A-1 D. VSA
13	The mass spectrum of naturally occurring neon shows the most abundant isotope has atomic mass.	A. 19 B. 20 C. 21 D. 22
14	Black Body radiation spectrum is an example of:	A. Atomic spectra B. Line spectra C. Continuous spectra D. None of above
15	NIBA =	A. $c\theta$ B. $\theta/c$ C. $c^2/\theta$ D. $c^2/\theta$

16	Total flux through a closed surface depends on.	A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium
17	Subatomic particles are divided into groups.	A. Photon B. Leptons C. Hadrons D. All of these
18	Photo electrons are emitted by using visible light when the metal is.	A. sodium B. Copper C. Nicked D. Cobalt
19	1 gray is equal to.	A. 1 JKg-1 B. 1Kgj-1 C. 1JKg D. 1 JKg-2
20	A charge Q is divided into two parts q and Q-q and separated 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