

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The number of lines per unit area passing perpendicular through an area is called	A. Flux B. Electric intensity C. Both (a) , (b) D. None of these
2	the current which flows from a point at higher. potential to point at lower potential is called.	A. Electric current B. Conventional current C. Either of these D. None of above
3	The illustration of the phenomenon of mutual induction is in the device of	A. Transformer B. Inductor C. A.C. Generator D. Ammeter
4	1 amu is equal to	A. $1.0606 \times 10^{-27}$ kg B. $1.66 \times 10^{-31}$ kg C. $1.66 \times 10^{-34}$ kg D. $1.66 \times 10^{-19}$ kg
5	Two parallel wires carrying currents in the opposite direction.	A. Repel each other B. Attract each other C. Have no effect upon each other D. They cancel out their individual magnetic fields.
6	The binding energy for nucleus A is 7.7 Me V and that for nucleus B is 7.8 MeV. Which nucleus has the larger mass?	A. Nucleus A B. Nucleus B C. Less than nucleus D. None of these
7	Charge on positron is:	A. Negative B. Positive C. Netural D. None of these
8	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes
9	The unit of impedance is	A. Farad B. Henry C. Tesla D. Ohm
10	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity
11	Dielectric constant $\epsilon_r$ for air is:	A. 1 B. 1.006 C. 1.0002 D. 1.0006
12	A charged conductor has charge on its.	A. Inner surface B. Outer surface C. Middle surface D. Surrounding space
13	The energy equivalent of 1 kg of matter is about:	A. $10^{-15}$ J B. 1 J C. $10^{-12}$ J D. $10^{-17}$ J
14	A positive charge is moving towards an observer, The direction of magnetic induction will be.	A. Toward right B. Anti clockwise C. Clockwise D. Toward left
15	$X_1$ is low for low frequency $F_y$ but $X_c$ is.	A. Zero B. Low C. High D. ...

D. Same is H

16	How many neutrons are there in the nuclide $Zn^{66}$ ?	A. 22 B. 30 C. 36 D. 66
17	Colour codes are used to calculate the.	A. Nature of resistor B. Numerical value of resistance C. Potential difference D. Current
18	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
19	Minimum energy needed to escape an electron of metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
20	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.