

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The head produced by the passage of current through a resistor is.	A. $H = I^2 R t$ B. $H = IR^2$ C. $H = 1/Rt$ D. $H = I^2 R / R t$
2	The first superconductor was discovered in:	A. 1831 B. 1911 C. 1921 D. 1876
3	The substance which atom cooperates with each other in such a way so as to exhibit a strong magnetic field is called.	A. Ferromagnetic B. Paramagnetic C. Diamagnetic D. Non magnetic
4	The effective value of any sinusoidal alternating current or voltage is	D. None of the above
5	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge
6	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
7	Various types of cancer are treated by	A. Carbon -14 B. Nickel -63 C. Cobalt -60 D. Strontium -90
8	$\text{mho} \cdot \text{m}^{-1}$ is the unit of.	A. Resistance B. Resistivity C. Conductance D. Conductivity
9	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
10	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above
11	In current carrying long solenoid the magnetic field produced does not depend upon	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of above
12	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
13	The phase difference between current and voltage in an inductive circuit is.	A. zero B. $90^\circ$ C. $180^\circ$ D. $45^\circ$
14	We can find from de Broglie formula	A. Wavelength B. Amplitude C. Speed of wave D. Frequency of wave
15	If electron jumps from second orbit to first orbit in hydrogen atom it emits photon of.	A. 3.40 eV B. 10.20 eV C. 13.6 eV D. 3.8 eV
16	Wave nature of light appears in	A. Pair production B. Compton effect C. Photo electric

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17 A particles equal or greater in mass than of protons are called.  
A. Baryons  
B. Leptons  
C. Mesons  
D. Quarks

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18 A photon while passing through a magnetic field are deflected towards:  
A. North pole  
B. South pole  
C. Are ionized  
D. None of these

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19 The binding energy for \_\_\_\_\_ is maximum.  
A. Copper  
B. Glass  
C. Iron  
D. Aluminum

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20 High frequency radio wave is called as  
A. Fluctuate  
B. Carrier wave  
C. Matter wave  
D. Mechanical wave

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