

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Tolerance of "Gold" band.	A. $\pm 10\%$ B. $\pm 5\%$ C. $\pm 15\%$ D. $\pm 20\%$
2	The radius of 10th orbit in hydrogen atom is.	A. 0.053 nm B. 0.53 nm C. 5.3 nm D. 53 nm
3	After curie temperature.	A. Ferromagnetic B. Paramagnetic C. Magnetic D. Diamagnetic
4	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipses
5	Transformer is used to change	A. Electric power B. Magnetic field C. Alternating voltage D. Phase of A.C.
6	In glass, molecules are irregularly arranged so it is known as.	A. Solid B. Liquid C. Solid liquid D. Gas
7	The SI unit of magnetic permeability is.	A. $\text{WbA-1m-1}$ B. $\text{Wbm-2}$ C. $\text{WbmA-1}$ D. $\text{WbAm-1}$
8	The force of Neutron due to field of $10^2$ N/C is.	A. $1.6 \times 10^{-17}$ N B. $1.6 \times 10^{-19}$ N C. Zero D. $1.6 \times 10^{-21}$ N
9	Radioactivity happen due to the disintegration of	A. Nucleus B. Mass C. Electrons D. Protons
10	In according with Bohr's theory the K.E of the electron is equal to:	A. $ke^2/2r$ B. $Ze^2/2r$ C. $Ze^2/2r^2$ D. $Ze^2/2r^2$
11	The AC system is preferred to DC system because:	A. AC voltage can be easily changed in magnitude B. DC motor angular velocity is affected badly C. High voltage AC transmission is less efficient D. Domestic appliance require AC voltage for their operation
12	The binding energy per nucleon is maximum for	A. Helium B. Iron C. Potassium D. Radium
13	Internal frame is a frame in which	A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds
14	The mass of proton in amu is:	A. 1.07276 B. 1.7276 C. 1.007276 D. 1.0007276

15 A current generator device converts:  
A. Mechanical energy into chemical energy  
B. Chemical energy into electrical energy  
C. Mechanical energy into electrical energy  
D. Both b and c

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16 For which material medium, force between two charged particles is maximum.  
A. Ammonia  
B. Germanium  
C. Mica  
D. Teflon

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17 If D.C. input for step up transformer, the output is  
A. Zero  
B. High  
C. Low  
D. May be high or low

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18 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 the above

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19 The unit of Rh is.  
A.  $\text{ms}^{-1}$   
B. m  
C.  $\text{m}^2$   
D.  $\text{m}^{-1}$

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20 Charge on positron is:  
A. Negative  
B. Positive  
C. Neutral  
D. None of these