

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The field is strong and uniform.	A. Inside the solenoid B. Surrounding of solenoid externally C. Perpendicular to solenoid D. All of above
2	The conductor experience force, placed in magnetic above:	A. Move towards weaker part of field B. Move towards stronger part of field C. Remains at rest D. Move upwards in space
3	Radius of first orbit of an atom is $r_1 = 0.053 \text{ nm}$ , Radius of second orbit $r_2$ will be.	A. $0.106 \text{ nm}$ B. $0.212 \text{ nm}$ C. $0.053 \text{ nm}$ D. $0.53 \times 10^{-10} \text{ nm}$
4	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
5	Electric intensity due to an infinite sheet of charge is:	A. $\frac{\sigma}{2\epsilon_0}$ B. $\frac{\sigma}{\epsilon_0}$ C. $\frac{\sigma}{r^2\epsilon_0}$ D. none of these
6	When Ohm meter gives full scale deflection it indicates.	A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance
7	Cobalt -60 is the source for	A. Alpha rays B. Gamma rays C. Beta rays D. Neutron
8	The color code of "Green"	A. 8 B. 3 C. 5 D. 7
9	The gain of transistor amplifier depends upon	A. Resistance connected with collector B. Resistance connected with base voltage C. Input voltage D. Output voltage
10	Output of D.C. motor is	A. A.C. energy B. Mechanical energy C. Chemical energy D. D.C. energy
11	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
12	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
13	Iodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
14	When some dielectric is inserted between the plates of a capacitor, then capacitance.	A. Decreases B. Increases C. Becomes zero D. Becomes infinity
		A. Magnetic field

15	Torque is produced in a current carrying coil when it is placed in a	B. Electric field C. Gravitational field D. Nuclear field
16	Rectification is the process of converting.	A. D.C. into A.C. B. A.C. in to D.C. C. Low signal to high D. High signal to low
17	Charge on electron is	A. $1.6 \times 10^{-19}$ C B. $1.6 \times 10^{19}$ C C. $1.6 \times 10^{-17}$ C D. $1.6 \times 10^{17}$ C
18	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
19	Energy band theory is based upon	A. Hund's Rule B. Heisenberg uncertainty principle C. Bohr's atomic Model D. Wave mechanical model
20	When platinum wire is heated, it changes to cherry red at temperature.	A. $500^{\circ}\text{C}$ B. $900^{\circ}\text{C}$ C. $1100^{\circ}\text{C}$ D. $1300^{\circ}\text{C}$