

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
2	_____ is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
3	Magnetism is related to:	A. Stationary charges B. Moving charges C. Stationary & Moving charges D. Law of motion
4	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
5	The average gap for Germanium at 0K is	A. 1.12 ev B. 0.02 ev C. 6.72 ev D. 7.2 ev
6	Torque on a current carrying coil	A. $\tau = IBA \cos \alpha$ B. $\tau = ILB \sin \alpha$ C. $\tau = IBA \sin \alpha$ D. $\tau = ILB \cos \alpha$
7	The value of Rydberg constant is	A. $1.0974 \times 10^7 \text{ m}^{-1}$ B. $1.0974 \times 10^{-7} \text{ m}^{-1}$ C. $1.0974 \times 10^6 \text{ m}^{-1}$ D. $1.0974 \times 10^{-6} \text{ m}^{-1}$
8	In nuclear radiation , track of alpha particle is.	A. Thin B. Discontinuous C. Erratic D. Continuous
9	Number of electros emitted in photo electric effect depend upon.	A. Intensity of incident light B. Frequency of incident light C. Energy of incident light D. Wavelength of incident of light
10	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
11	Conversion of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
12	Laser can be made by creating.	A. Meta stable B. Population inversion C. Excited state D. All of these
13	The Compton effect is associated with	A. X-rays B. y-rays C. Positive rays D. $\beta$ -rays
14	if time constant in RC series circuit is small, then capacitor is charged or discharged.	A. Slowly B. Rapidly C. At constant rate

		D. Intermittently
15	A positron is an anti particle of.	A. Proton B. Electron C. Neutron D. Photon
16	The X-rays diffraction with crystal was first studied by	A. W.H Bragg B. W.L. Bragg C. Michelson D. None of these
17	A voltmeter is always connected in	A. Parallel B. Series C. Perpendicular D. Straight line
18	A cable breaks if stretched by more than 2mm. It is cut into two equal parts. How much either part can be stretched without breaking?	A. 25 m B. 1mm C. 2mm D. 0.5 m
19	Step up transformer is used.	A. Step up D.C. voltage B. Step up A.C. voltage C. Step up both A.C and D.C. D. Step up A.C. current
20	Nuclear fission chain reaction is controlled by using.	A. Cadmium rods B. Iron rods C. Platinum rods D. Steel rods