

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one has greater cone of impurity among all:	A. Emitter B. Base C. Collector D. All are pure
2	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
3	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. $2q$ C. $Q/2$ D. Zero
4	Rutherford performed on experiment on a nuclear reaction in:	A. 1921 B. 1981 C. 1927 D. 1932
5	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
6	Magnetic lines of force are.	A. Imaginary B. Real C. Perpendicular D. In phase with electric lines of force
7	Pair production occurs only when energy of photon is at least equal in:	A. 1.02keV B. 1.02 eV C. 1.02 MeV D. 1.02 GeV
8	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
9	The photoelectric effect predicts that light is made of	A. Photons B. Neutrons C. Protons D. None of these
10	The velocity of electron moving in 1st orbit of hydrogen atom is:	A. $2.09 \times 10^6 \text{ ms}^{-1}$ B. $2.18 \times 10^6 \text{ ms}^{-1}$ C. $2.19 \times 10^6 \text{ ms}^{-1}$ D. $3.18 \times 10^6 \text{ ms}^{-1}$
11	Special organs called ampullae of Lorenzini are present in.	A. Bats B. Cats C. Dogs D. Sharks
12	Which of the following are not hadrons.	A. Muons B. Mesons C. Positrons D. Neutrons
13	The 1 st Bohr atom in the hydrogen atom has radius	A. $3.56 \times 10^{-10} \text{ m}$ B. $0.053 \times 10^{-11} \text{ m}$ C. $0.53 \times 10^{-11} \text{ m}$ D. $5.30 \times 10^{-11} \text{ m}$
14	A positron is an anti particle of.	A. Proton B. Electron C. Neutron D. Photon

15	The current flowing through each resistor of equal resistance in parallel combination is.	A. Same B. Different C. Zero D. Infinite
16	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
17	The value of Stefan is constant is:	A. $4.57 \times 10^{-8} \text{ m}^2 \text{ k}^2$ B. $5.67 \times 10^{-8} \text{ W m}^{-2} \text{ k}^{-4}$ C. $6.67 \times 10^{-11} \text{ W m}^2 \text{ k}^4$ D. $7.45 \times 10^{-9} \text{ m}^2 \text{ W k}^3$
18	The energy of 4th Orbit in hydrogen atom is.	A. -2.51 eV B. -3.50 eV C. -13.60 eV D. -0.85 eV
19	If a charge body moved against the electric field it will again	A. Potential energy B. K.E C. Mechanical Energy D. Electric potential energy
20	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter