

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Lenz's law was given by Heinrich lenz in:	A. 1894 B. 1904
		C. 1854 D. 1834  A. Positively charged
2	Two oppositely charged balls A and B attract the third ball C, when placed near them turn by turn The third ball C must be.	B. Negatively charged C. Electrically neutral D. Positively and negatively charged
3	Which one of the following physical quantities change with relativistic speed?	A. Length B. Time C. Mass D. All of above
4	Which series lies in the ultraviolet region.	A. Balmer series B. Bracket series C. Ptund series D. Lyman series
5	Electro encephalon graph is the diagnostic test for the working of.	A. Eye B. Heart C. Brain D. Lungs
6	Electric power:	A. Vx1 B. V <sup>2</sup> x1 C. V/1 D. V/1 <sup>2</sup>
7	Power dissipated in a pure inductor is.	A. Large B. Small C. Infinite D. Zero
8	An electron in H -atom is excited from ground state n=4 , How many spectral lines are possible in this case.	A. 6 B. 5 C. 4 D. 3
9	The magnitude of back emf:	A. Increases with sped of motor B. Decreases with speed of motor C. Remains same  D. None of above
10	The dead time of G.M tube is.	A. 10 <sup>-1</sup> sec B. 10 <sup>-6</sup> sec C. 10 <sup>-4</sup> sec D. 10 <sup>-8</sup> sec
11	Which of the following basic force is able to provide an attraction between two neutrons:	A. Electrostatic and nuclear b     B. Electrostatic and gravitational     C. Gravitational and strong nuclear     D. Only nuclear force
12	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity
13	The gate, which changes the logic level to its opposite level is called	A. NOR gate B. AND gate C. OR gate D. NOT gate
14	A substance having the negative temperature co efficient of resistivity out of the following is.	A. Carbon  B. Iron C. Tungsten D. Gold
15	Direct current can not flow through.	A. Inductor B. Resistor C. Transistor D. Capacitor

16	amu =	A. 1.06 x 10 <sup>-27</sup> kg B. 1.6606 x 10 <sup>-27</sup> kg  C. 1.520 x 10 <sup>-21</sup> kg D. 1.6606 x 10 <sup>-31</sup> kg
17	The mass spectrum of naturally occurring neon, showing	A. 1 isotope B. 2 isotope C. 3 isotope D. 4 isotope
18	Subatomic particles are divided into groups.	A. Photon B. Laptons C. Hadrons D. All of these
19	Output of D.C. motor is	A. A.C. energy B. Mechanical energy C. Chemical energy D. D.C. energy
20	Energy produced due to fission of uranium atom is:	A. 500MeV B. 200MeV C. 700MeV D. 750MEV