Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	When the back emf is zero, its draws.	A. Zero current B. Minimum current C. Maximum current D. Steady current
2	In case of capacitor, the unit of reactance is	A. Farad B. Ohm C. Newton D. All of these
3	The Unit of decay constant.	A. Second B. (second)-1 C. m-1 D. mk
4	Which one of the following paved the way for modern physics	A. Newtonian mechanics B. Theory of relativity C. Quantum theory D. All of above
5	All motions are	A. Absolute B. Uniform C. Relative D. Variable
6	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
7	Direct current can not flow through.	A. Inductor B. Resistor C. Transistor D. Capacitor
8	The highest value reached by the voltage or current is one cycle is called:	A. Peak to peak value B. Peak value C. Instantaneous value D. Root mean square value
9	The power factor of RL series circuit is.	A. 0 B. 1 C. Less then 1 D. More than one
10	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
11	A device that shows the visible path of ionizing particle is called.	A. GM counter B. Solid state detector C. Scalar D. Wilson cloud chamber
12	The reactance of inductor depends upon	A. L D. All of the above
13	The color code of "Green"	A. 8 B. 3 C. 5 D. 7
14	Maximum Compton shift is observed at.	A. 30^oC B. 90^oC C. 45^oC D. 180^oC
15	In a pure inductive A.C. circuit the current.	A. Lags behind voltage by 90 ^o B. Leads the voltage by 90 ^o C. In phase with voltage D. Leads the voltage by 270

		^o
16	The binding energy per nucleon is maximum for	A. Helium B. Iron C. Potassium D. Radium
17	The shortest wave length is Bracket series has wave length.	A. 16/Rn B. Rn/16 C. 16 Rn D. 4 Rn
18	Vrms =	A. 0.7V_◦ B. 0.07V_◦ C. 0.007V_◦ D. 0.75V_◦
19	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
20	Light of 4.5 eV is incident on a Cesium surface and stopping potential is 0.25 eV, maximum K.E. of emitted electron is.	A. 4.5 eV B. 4.25 eV C. 4.75 eV D. 0.25 eV