

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Charge on positron is:	A. Negative B. Positive C. Netural D. None of these
2	One weber is equal to:	A. $N \cdot A^{-2}$ B. $N \cdot m^{-2} / A$ C. $N \cdot A / m$ D. $N \cdot m / A$
3	The velocity of an oscillating charge as it moves to and fro along a wire is.	A. Changing B. Constant C. Infinite D. zero
4	The illustration of the phenomenon of mutual induction is in the device of	A. Transformer B. Inductor C. A.C. Generator D. Ammeter
5	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
6	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
7	Which one of the following is polymeric solids	A. Glass B. Nylon C. Copper D. Zinc
8	The moderator used in a nuclear reactor	A. Sodium B. Uranium C. Graphite D. Cadmium
9	The direction of induced current is always so as to oppose the change which causes the current, this is the statement of	A. Lenz's law B. Faraday's law C. Ampere's law D. Coulomb's law
10	When a charge is projected perpendicular to a uniform magnetic field, its path is	A. Spiral B. Helix C. Ellipse D. Circular
11	Unit of decay constant λ is:	A. ms B. m^{-1} C. m D. S^{-1}
12	In A.C circuit through a capacitor which one is:	A. Current leads voltage by 90° B. Current lags behind voltage by 90° C. Both will be in phase D. None of above
13	In case of capacitor, the unit of reactance is	A. Farad B. Ohm C. Newton D. All of these
14	In case of inductor , energy is stored in the	A. Electric field B. Magnetic field C. Potential field D. Gravitational field
15	The effective value of any sinusoidal alternating current or voltage is	D. None of the above

A. X rays are not deflected by electric

16	Which is not true for X rays	field B. X rays are polarized C. X rays consist of electromagnetic waves D. X rays can be diffracted by grating
17	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
18	The capacitance of a capacitor depends upon.	A. Thickness of plates B. Charges on the plates C. Voltage applied D. Geometry of the capacitor
19	Thermistor with high - ve temperature coefficient are very accurate for measuring low temperature especially near is.	A. 10 kelvin B. 70 kelvin C. 200 kelvin D. 35 kelvin
20	Rutherford performed on experiment on a nuclear reaction in:	A. 1921 B. 1981 C. 1927 D. 1932