

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	SI unit of electric potential is:	A. watt B. volt C. coulomb D. joule
2	electric intensity is a quantity:	A. scalar B. vector C. base D. none of these
3	SI unit of electric intensity is:	A. Watt B. NC^{-1} C. NS^{-1} D. Nm
4	1 Pico farad is equal to:	A. 10^{-9}F B. 10^{12}F C. 10^{-12}F D. 10^{-6}F
5	1 Nano farad is equal to:	A. $1 \times 10^{-12}\text{F}$ B. $1 \times 10^9\text{F}$ C. $1 \times 10^{-9}\text{F}$ D. $1 \times 10^{-6}\text{F}$
6	Big unit of capacitance is:	A. Farad B. Volt C. Watt D. Coulomb
7	The unit of electrical energy is:	A. Joule B. Watt C. Volt D. Electron volt (eV)
8	Positive charge in an electric field always tend to move:	A. Does not move B. From lower to higher potential C. From higher to lower potential D. All of these
9	Electric field lines were introduced by:	A. Faraday B. Newton C. Coulomb

U. Joule

10 Value of 'k' depends upon:

- A. System of unit
B. Nature of medium
C. Both a and b
D. None of these

11 The electrostatic force acting on two charges each of 1C separated by 1m is about:

- A. 9×10^9 N
B. 9×10^{-9} N
C. 9×10^8 N
D. 9×10^{-8} N

12 If we double the distance between two charges, then force becomes:

- A. 4-times
B. $\frac{1}{4}$ th
C. Double
D. Half