

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Two metallic sphere of radius 2 cm and 4 cm get equal quantity of charge. Which has greater surface charge density ?	A. $2 \times 10^{-4}$ sphere B. Both have same C. First sphere D. None of these
2	A force of 0.01 N is exerted on a charge $1.2 \times 10^{-5}$ C at a certain point. The electric field at that point is	A. $1.2 \times 10^4$ N/C B. $1.2 \times 10^4$ C/N C. $8.3 \times 10^2$ N/C D. $8.3 \times 10^{-2}$ N/C
3	An electric field cannot deflect	A. X-rays B. $\alpha$ -particles C. $\beta$ -particles D. None of these
4	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
5	Which one of the following is correct	A. D. All of above
6	The relative permittivity of air is	A. 79.5 B. 1.006 C. 1.06 D. 1.0006
7	The electric intensity due to two oppositely charged plates is	D. None of these
8	The electric intensity at infinite distance from the point charge is	A. Infinite B. Zero C. Positive D. Negative
9	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above
10	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
11	The number of electrons in one coulomb charge is equal to	A. $6.2 \times 10^{18}$ electrons B. Zero electrons C. $1.6 \times 10^{22}$ electrons D. $6.2 \times 10^{21}$ electrons
12	Metals are good conductors of electricity because they have	A. Large number of bounded electrons B. Small number of electrons C. Large number of free electrons D. Small number of free electrons
13	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above