

Physics ICS Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	Electric flux is a:	A. Scalar quantity B. Vector quantity C. Variable quantity D. None of these
2	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
3	The process of copying is:	A. Axillugraphy B. Chromatography C. Xerography D. Spectrography
4	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
5	The electric field created by positive charge is:	A. Radially outward B. Circular C. Radially inward D. Zero
6	Concept of electric field lines was given by:	A. Michelson B. Henry C. Michael faraday D. Oersted
7	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
8	Dielectric constant ϵ_r for air is:	A. 1 B. 1.006 C. 1.0002 D. 1.0006
9	Presence of dielectric always.	A. Increase the electrostatic force B. Reduces the electrostatic force C. Do not effect electrostatic force D. Doubles the electrostatic force
10	The number of lines per unit area passing perpendicular through an area is called	A. Flux B. Electric intensity C. Both (a) , (b) D. None of these
11	Two metallic sphere of radius 2 cm and 4 cm get equal quantity of charge. Which has greater surface charge density ?	A. 2 nd sphere B. Both have same C. First sphere D. None of these
12	A force of 0.01 N is exerted on a charge 1.2×10^{-5} C at a certain point. The electric field at that point is	A. 1.2×10^4 N/C B. 1.2×10^4 C/N C. 8.3×10^2 N/C D. 8.3×10^{-2} N/C
13	An electric field cannot deflect	A. X-rays B. α -particles C. β -particles D. None of these
14	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
15	Which one of the following is correct	A. D. All of above

16	The relative permittivity of air is	B. 1.006 C. 1.06 D. 1.0006
17	The electric intensity due to two oppositely charged plates is	D. None of these