Physics FSC Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of relative permittivity is.	A. Fm-1 B. C2N-1m-2 C. Nm2C-2 D. No unit
2	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above
3	Electric flux is a:	A. Scalar quantity B. Vector quantity C. Variable quantity D. None of these
4	The toner of printer is given	A. Positive charge B. Negative charge C. Neutral D. First positive then negative
5	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
6	Two opposite point charge of same magnitude separated by distance 2d, electric potential mid way between them is.	A. 1 V B. 2 V C. Zero D. V/2
7	The negative of the potential gradient is	A. Electrostatic force B. Electromotive force C. Potential difference D. Electric field intensity
8	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
9	The fact that electric field exist in space around an electrical charge is	A. Electrical property B. Gravitational property C. Intrinsic property of nature D. Extrinsic property of nature
10	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
11	An electric field cannot deflect	A. X-rays B. a-particles C. ß-particles D. None of these
12	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
13	Electro encephalon graph is the diagnostic test for the working of.	A. Eye B. Heart C. Brain D. Lungs
14	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
15	Which one of the following is correct	A. D. All of above
		A. 1.6 x 10⁻¹⁷N

16	The force of Neutron due to field of 10^2 N/C is.	B. 1.6×10^{-19} N C. Zero D. 1.6×10^{-21} N
17	The total flux through a closed surface.	A. Directly proportional to shape and geometry B. Independent of medium C. Depend on shape and geometry D. Dependent on medium and the charge enclosed
18	Electric potencial of earth is taken to be zero because the earth is good:	A. Semiconductor B. Conductor C. Insulator D. Dielectric
19	The number of electrons in one coulomb charge is equal to	A. 6.2×10^{18} electrons B. Zero electrons C. 1.6×10^{-22} electrons D. 6.2×10^{21} electrons
20	A proton is about 1840 time than an electron. When it is accelerated by a potencial difference if 1 kV, its kinetic energy will be:	A. 1884 ke V B. 1/1840 keV C. 1 keV D. 920 keV