

Physics FSC Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	When some dielectric is inserted between the plates of a capacitor, then capacitance.	A. Decreases B. Increases C. Becomes zero D. Becomes infinity
2	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
3	Closeness of the electric field lines is the measure of.	A. Direction of field B. Strength of field C. Potential difference D. Uniformity of field
4	S.I unit of strength of electric field is	A. J/C B. C/V C. V/C D. N/C
5	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. $2q$ C. $Q/2$ D. Zero
6	The relative permittivity of air is	A. 79.5 B. 1.006 C. 1.06 D. 1.0006
7	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
8	Electric potential of earth is taken to be zero because the earth is good:	A. Semiconductor B. Conductor C. Insulator D. Dielectric
9	The electric flux through closed surface depends upon	A. Charge B. Medium C. Geometry D. Charge and Medium
10	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
11	Special organs called ampullae of Lorenzini are present in.	A. Bats B. Cats C. Dogs D. Sharks
12	Two oppositely charged balls A and B attract the third ball C, when placed near them turn by turn The third ball C must be.	A. Positively charged B. Negatively charged C. Electrically neutral D. Positively and negatively charged
13	The work done in bringing a unit positive charge from infinity to that point in an electric field is called.	A. Potential B. Potential difference C. Absolute potential D. All of these
14	A charge of 4 coulomb is in the field of intensity 4 N/C the force on the charge is.	A. Uniform B. Non uniform C. Weak D. Strong
15	Which one of the following is correct	A. $-\Delta r/\Delta v$ B. $-\Delta v/\Delta r$ C. $-\Delta v/\Delta r$ D. All of above

16	The electrical intensity is equal to:	B. $\Delta v/\Delta r$ C. $\Delta v/\Delta v$ D. $-\Delta v/\Delta r$
17	Total flux through a closed surface depends on.	A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium
18	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
19	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
20	If the distance between two charges is halved and charges are also doubled, then force between them will be.	A. Two time B. Four time C. Eight time D. Sixteen time