

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	When 10 V are applied to an A.C circuit, the current flowing in it is 100 mA. It impedance is.	A. 100 Ohm B. 10 Ohm C. 1000 Ohm D. 1 Ohm
3	The torque in the coil can be increased by increasing:	A. No. of turns B. Current and magnetic field C. Area of coil D. All of the above
4	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
5	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
6	A semiconductor in its extremely pure form is known as:	A. Intrinsic B. Extrinsic C. Both a and b D. None of above
7	For non-ohmic devices, the graph between V and I is	A. Not a straight line B. A straight line C. A curve D. All of above
8	Force on a charged particle is zero when projected at angle with magnetic field.	A. 0 <sup>o</sup> B. 90 <sup>o</sup> C. 180 <sup>o</sup> D. 270 <sup>o</sup>
9	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
10	The energy of the photon of wavelength 500 nm is.	A. 3.10 eV B. 2.49 eV C. 1.77 eV D. 1.52 eV
11	The SI Unit of magnetic induction is.	A. Weber B. Tesla C. Gauss D. Newton
12	A positron is a particle having.	A. Mass equal to electron     B. Charge equal to electron     C. Mass equal to mass of electron     but charge opposite to charge of     electron.     D. Mass equal to proton
13	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
14	Which of the following quantities remain constant in step up transformer?	A. Current B. Voltage C. Power D. Heat

15	When Ohm meter gives full scale deflection it indicates.	A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance
16	If D.C. input for step up transformer, the output is	A. Zero B. High C. Low D. May be high or low
17	If the ionization energy of hydrogen atom is 13.6 eV, its ionization potential will be	A. 136.0 volt B. 3.0 volt C. 13.6 volt D. None of these
18	The curie temp for iron is about	A. 800 <sup>o</sup> C B. 740 <sup>o</sup> C C. 750 <sup>o</sup> C D. 650 <sup>o</sup> C
19	Radius of first orbit of an atom is r1= 0.053 nm, Radius of second orbit r2 will be.	A. 0.106 nm B. 0.212 nm C. 0.053 nm D. 0.53 x 10 <sup><a href="null">-10</a></sup> nm
20	The early Greeks believed that matter waves was	A. Discrete B. Continuous C. Both continuous and discrete D. All of above