

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
2	Which is the most refined form of matter.	A. Smoke B. Fog C. Light D. Electron
3	In the capacitive circuit of A.C. quantity when $q = 0$ the slope of $q$ - $t$ curve is.	A. Maximum B. Minimum C. Zero D. Negative
4	With the speed of motor, magnitude of back emf	A. Remain same B. Increase C. Decrease D. First increases then decreases
5	In Compton effect the photon behaves as a.	A. Wave B. Particle C. Nucleon D. Both a and b
6	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
7	The expression $P = VI$ hold only when current and voltage are.	A. In phase B. Out of phase C. At right angle to each other D. At angle of $120^\circ$
8	The magnetic field is uniform and stronger	A. Outside the solenoid B. Inside the solenoid C. At the central part of the solenoid D. None of these
9	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
10	The thermistors convert changes of temperature into.	A. Light energy B. Electric voltage C. Heat D. Sound
11	A wire stretched to double of its length, its strain is:	A. 2 B. 1 C. 0 D. 0.5
12	Absorbed Dose 'D' is defined as	A. $m/E$ B. $E/C$ C. $C/m$ D. $E/m$
13	For Paschen series, the value of 'n' starts from	A. 2 B. 4 C. 6 D. 8
14	Insulators have:	A. An empty conduction band B. A full valence band C. A large energy gap D. All of above
15	The resonance frequency is given by:	A. $f_r = 2\pi\sqrt{LC}$ B. $f_r = 1/2\pi LC$ C. $f_r = 1/2\pi\sqrt{LC}$ D. $f_1 = 1/2\pi C\sqrt{L}$

16	When 10 V are applied to an A.C circuit, the current flowing in it is 100 mA. Its impedance is.	A. 100 Ohm B. 10 Ohm C. 1000 Ohm D. 1 Ohm
17	When a coil is moved in a uniform magnetic field, an induced emf is produced due to change in	A. Flux density B. Electric flux C. Magnetic flux D. Magnetic field strength
18	Commutator was invented by:	A. William bills B. William Gates C. William tells D. William Sturgeon
19	The quantity of U in the naturally occurring uranium is.	A. 0.2% B. 0.3% C. 0.7% D. 0.4%
20	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1