

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which of the following is one of the spectral series of atomic hydrogen?	A. Brockett series B. Balmer series C. P fund series D. All of above
2	Those elements whose charge number $z$ is greater than _____ are unstable:	A. 80 B. 79 C. 82 D. 83
3	Energy stored per unit volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
4	split rings are used in	A. A.C. generator B. A.C. motor C. Transformer D. D.C. motor
5	Wave nature of light appears in	A. Pair production B. Compton effect C. Photo electric D. Interference
6	S.I unit of strength of electric field is	A. J/C B. C/V C. V/C D. N/C
7	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
8	The number of crystal system are	A. Three B. Five C. Seven D. Fifteen
9	The crystalline structure of NaCl is.	A. Cubical B. Hexagonal C. Tri gonal D. Tetragonal
10	Electric flux is a:	A. Scalar quantity B. Vector quantity C. Variable quantity D. None of these
11	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
12	Marie Curie and Pierre Curie discovered.	A. Uranium B. Uranium and Radium C. Polonium and radium D. Radium
13	The heat produced by passage of current.	A. $H=I^2Rt$ B. $H=IR^2T$ C. $H=I/Rt$ D. $H=I^2Rt$
14	The binding energy for nucleus A is 7.7 MeV and that for nucleus B is 7.8 MeV. Which nucleus has the larger mass?	A. Nucleus A B. Nucleus B C. Less than nucleus D. None of these
15	A solid in which there is not regular arrangement of molecules is called.	A. Glassy solid B. Amorphous solid C. Crystalline solid D. Both a and b

16	The illustration of the phenomenon of mutual induction is in the device of	A. Transformer B. Inductor C. A.C. Generator D. Ammeter
17	Commentator was invented by	A. Henry B. Ousted C. Maxwell D. William sturgeon
18	The Basic circuit element in a D.C. circuits which controls the current and voltage is	A. Resistor B. Inductor C. Capisitor D. Transistor
19	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
20	Insulators have:	A. An empty conduction band B. Al full valence band C. A large energy gap D. All of above