

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of stress is same as that of.	A. Pressure B. Force C. Momentum D. Work
2	The mass spectrum of naturally occurring neon shows the most abundant isotope has atomic mass.	A. 19 B. 20 C. 21 D. 22
3	The magnitude of motional emf is given by	
4	The mass of protons is:	A. $1.675 \times 10^{-27}$ kg B. $1.693 \times 10^{-27}$ kg C. $1.673 \times 10^{-31}$ kg D. $1.673 \times 10^{-27}$ kg
5	Boher proposed his atomic model in:	A. 1910 B. 1911 C. 1912 D. 1913
6	Which of the following has bulk modulus?	A. Water B. Gas C. Honey D. All
7	Using relativistic effects the location of an air craft after an hour flight can be predicated about	A. 20 m B. 50 m C. 760 m D. 780 m
8	The device in which induced emf is statically induced emf is:	A. Transformers B. AC generator C. Alevator D. Dynamo
9	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
10	Platinum wire becomes yellow at a temperature of.	A. $900^{\circ}\text{C}$ B. $1300^{\circ}\text{C}$ C. $1600^{\circ}\text{C}$ D. $500^{\circ}\text{C}$
11	The force which is responsible for the breaking up of the radioactive element is.	A. Weak nuclear force B. Strong nuclear force C. Electromagnetic force D. Gravitational force
12	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
13	Intensity of field inside a hollow charged sphere will be.	A. Negative B. Unaffected C. Zero D. Maximum
14	A positive charge is moving towards an observer, The direction of magnetic induction will be.	A. Toward right B. Anti clockwise C. Clockwise D. Toward left
15	Current passing through the coil of galvanometer	A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO
		A. 1884 ke V

16	A proton is about 1840 times heavier than an electron. When it is accelerated by a potential difference of 1 kV, its kinetic energy will be:	B. 1/1840 keV C. 1 keV D. 920 keV
17	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
18	The expression $P = VI$ holds only when current and voltage are:	A. In phase B. Out of phase C. At right angle to each other D. At angle of $120^\circ$
19	An electromagnetic wave goes from air to glass which of the following does not change?	A. Radio waves B. X-rays C. Ultra violet radiation D. Ultra sound waves
20	The energy of 4th Orbit in hydrogen atom is.	A. -2.51 eV B. -3.50 eV C. -13.60 eV D. -0.85 eV