

## ECAT Pre General Science MCQ's Test For Physics Full Book

Sr	Questions	Answers Choice
1	At high altitude the blood oozes out of the nose and ear because	A. The blood pressure increase at high altitudes B. The percentage of oxygen in the air increase C. The atmospheric pressure decrease there D. The density of blood decrease at high altitudes
2	Proton was discovered by Rutherford in	A. 1915 B. 1906 C. 1910 D. 1920
3	The $R_1 = \infty$ and $R_2 = 0$ , then the gain of non-inverting amplifier is	A. zero B. infinity C. one D. any one of these
4	A body whose momentum is constant must have constant	A. Acceleration B. Velocity C. Force D. None of these
5	A p-n junction is formed when a crystal of silicon is growth in such a way that its one half is doped with trivalent impurity and the other half with a impurity from	A. 2nd group B. fourth group C. fifth group D. sixth group
6	A rocket carries its own fuel in the form of	A. liquid only B. liquid or solid C. liquid and solid D. liquid or solid and oxygen
7	The shortest distance between two points directed from its initial point to final point is called:	A. Velocity B. Displacement C. Speed D. Distance
8	If we plot graph between potential difference (V) and current (I) obeying ohm's law, it will give us	A. parabola B. straight line C. hyper bola D. ellipse
9	Compton was awarded Nobel prize in physics in	A. 1921 B. 1923 C. 1925 D. 1927
10	The formula of Brackett series can be obtained by putting in the general formula, the value of n equal to:	A. one B. two C. three D. four E. five
11	Linear momentum is a	A. fixed quantity B. constant quantity C. scalar quantity D. vector quantity
12	When a body is moves along a circular path with constant speed, it has an acceleration, which is always directed:	A. Along the tangent B. Toward the centre C. Away from the centre D. None of them
13	Amount of heat required to raise the temperature of a body through 1 K is called its	A. Specific heat B. Water equivalent C. Thermal capacity D. Entropy
14	The arrangement or molecules or atoms in a crystalline solid can be studied by using:	A. Chemical methods B. Neutrons C. X-ray techniques D. Copper atoms

		E. Both (A) and (B)
15	A particle is moving along a circular path with uniform speed. Its projection will execute_____along the_____of the circle:	A. Circular motion, circumference B. Vibrator, chord C. SHM, diameter D. SHM, circumference
16	The total charge of any nucleus is given as	A. $Ze^{2}$ B. $Z^{2}e$ C. $Z/e$ D. $Ze$
17	Tick the series which lies in the visible region:	A. Lyman series B. Balmer series C. Paschen series D. Brackett series E. P fund series
18	A galvanometer is an instrument used to	A. measure voltage across a circuit B. detect current in a circuit C. measure current flowing through a circuit D. none of these
19	When two protons are brought closer potential energy of both of them:	A. Increases B. Decreases C. Remains same D. None of these
20	A line which represents the direction of travel of a wave is known as:	A. Spherical Wavefront B. Locus C. Ray D. Either B or C