

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

Sr	Questions	Answers Choice
1	The maximum displacement of a body on either side of its equilibrium position is called	A. frequency B. amplitude C. displacement D. time period
2	In case of destructive interference of two waves, the amplitude of the resultant wave will be ____ either of the waves:	A. Greater than B. Smaller than C. Equal to D. None of these
3	Work has the dimension as that of:	A. Torque B. Angular momentum C. Linear momentum D. Power
4	Angular velocity is a:	A. Scalar quantity B. Vector quantity C. Complex quantity D. None of these
5	Monochromatic light of wavelength 1 in vacuum is incident on the surface of glass at an angle 1. Assuming the refractive index of glass is 1.5 the wavelength of the refracted ray in glass is.	A. 1/1.5 B. 1 C. 1.5×1 D. There is no refracted ray
6	In gases, the charge carries are:	A. <p>Electrons</p> B. <p>Positive ions</p> C. <p>Negative ions</p> D. <p>Both (A) and (C)</p> E. <p>Both (A) and (B)</p>
7	With age, least distance of distinct vision:	A. Increases B. Decreases C. Is not affected D. None is correct
8	The velocity of sound in air not effected by changes in	A. Moisture contents in air B. Temperature of air C. The atmosphere pressure D. The composition of air
9	Arsenic, antimony and phosphorus are the elements from	A. third group B. fourth group C. fifth group D. none of them
10	The magnifier forms a virtual image of the object at:	A. None of these B. Both A and B are correct C. Much farther than the least distance D. Least distance of distinct vision
11	When a body moves to and fro motion, this type of motion is called	A. translatory motion B. circular motion C. oscillatory motion D. all of them

12	A dirty carpet is to be cleaned by heating. This is an accordance with ____ law of motion:	A. First B. Second C. Third D. None of these
13	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
14	Which one of the following physical quantities changes with relativistic speed	A. Length B. Mass C. Time D. All of the above
15	The cause of mirage observed in deserts in bright sunlight is due to	A. Refraction of light B. Reflection of light C. Scattering of light D. Total internal reflection of light
16	The curve representing an adiabatic process is called	A. isotherm B. adiabat C. adiabale D. none of them
17	If we draw a graph between d (along x-axis) and F (along y-axis) and get a straight line horizontal to x-axis, then area under this straight line represents:	A. Power B. Work C. Pressure D. None of these
18	The values 1 and 0 are designated as:	A. Continuous values B. Binary values C. Boolean values D. Decimal values E. Either (B) and (C)
19	The maximum distance of body from mean position when body is executing SHM is called	A. Time period B. Displacement C. Amplitude D. Frequency
20	Electron is a particle whose mass is:	A. Greater than that of a proton B. Smaller than that of a proton C. Smaller than that of a proton or a neutron D. Greater than that of an atom