

ECAT Pre General Science Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
2	The mechanics, which deals with the objects moving with velocities approaching that of light is called:	A. Relativistic mechanics B. Wave mechanics C. Quantum mechanics D. Statics
3	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
4	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
5	The branch of physics, which deals with the structure an properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astro physics
6	Diameter of the atom is of the order of	A. 10^{-10} m B. 10^{-12} m C. 10^{-15} m D. 10^{-9} m
7	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
8	If the absolute uncertainty of an instrument is 0.0a1 cm, then its least count will be :	A. 0.005 cm B. 0.01 cm C. 0.02 cm D. 0.001 cm
9	The machines which deals with the objects moving with velocities approaching that of light is called:	A. Relativistic mechanics B. Wave mechanics C. Quantum D. Statics mechanics
10	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
11	Which quantity has different dimensions:	A. Work B. Pressure C. Energy D. Torque
12	The quantity have dimension of ML^2T^{-2} will have SI unit of:	A. Watt B. Newton C. Joule D. Metre
13	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
14	Computer chips are made from	A. Conductors B. Semiconductors C. Insulators D. Both A and B
15	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. ...

16	The mechanics, which deals with the objects moving with velocities approaching that of light is called	<div>A. Relativistic mechanics</div> <div>B. Wave mechanics</div> <div>C. Quantum mechanics</div> <div>D. Statics</div>
17	The time taken by light to travel from moon to earth is:	<div>A. 80 sec</div> <div>B. 500 sec</div> <div>C. $1.802 \times 10^4 \text{ sec}$</div> <div>D. Aerophysics</div>
18	The error may occur due to:	<div>A. Negligence</div> <div>B. Faulty apparatus</div> <div>C. Inappropriate method</div> <div>D. all of these</div>
19	From sand, we get a material used for construction of computer chips. That material is called:	<div>A. Copper</div> <div>B. Lead</div> <div>C. Silicon</div> <div>D. Germanium</div>
20	Physics is one of the branches of:	<div>A. Social sciences</div> <div>B. Physical sciences</div> <div>C. Biological sciences</div> <div>D. Abstract art</div>